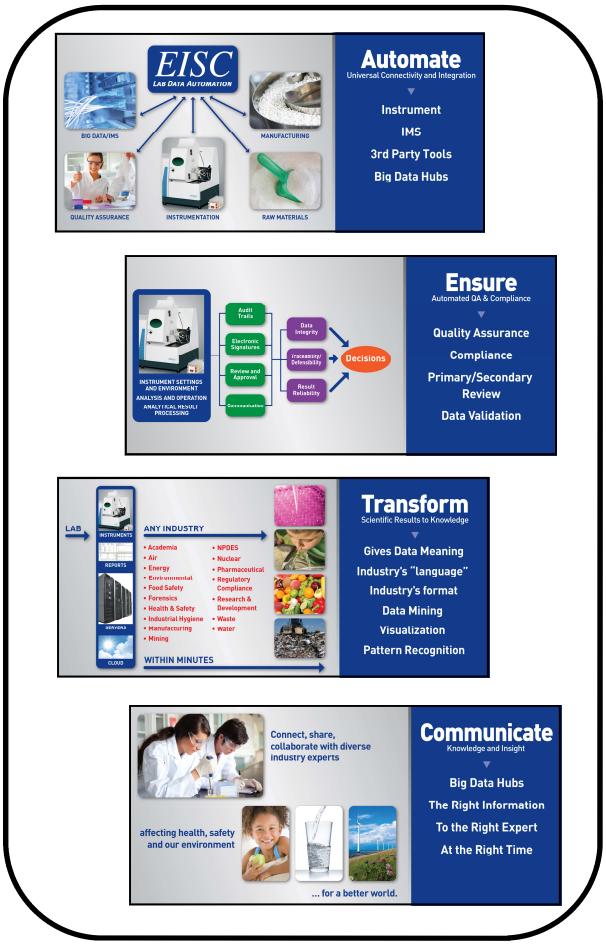
EISC
Lab Data Automation

Example Semi Volatile GCMS Reports

Result Report – Form 1
Surrogate Recovery Report—Form 2
MS/MSD Recovery/RPD Report—Form 3
LCS/LCSD Recovery/RPD Report—Form 3
Method Blank Association Report—Form 4
Initial Calibration Report—Form 6
Initial Calibration Verification Concentration %D Report
Continuing Calibration Concentration %D Report—Form 7
Internal Standard and Retention Time Report—Form 8
Analytical Sequence Run Logs

Others not shown:
Tune Report (Method Specific) —Form 5
TIC Report – Form 1B
Blank Result Report for Method Blanks, Initial Calibration Blanks, and Continuing Calibration Blanks
Initial Calibration Verification %Recovery Report
Analytical Checklist Report w/Electronic Signature
Initial Calibration Verification Relative Response Factor (RRF) %Difference Report
Continuing Calibration Verification RRF %D Report
Notification Reports
Detection Summary Report



Note: The example is a generalized report set. The analytical reports may vary for laboratory preference, method requirements, regulatory requirements, and industry of need.

The example reports are used in EISC's:

Express Report System
Automated Quality Assurance System
R & R Suite System (Level 4 deliverable system for potential liability and litigation type deliverables-Assembles EISC reports with instrument chromatograms).

Additionally, all report results can be transferred electronically (non-PDF and/or PDF) to information management systems, central repositories (Big Data Hubs), Excel …

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Semi Volatile Analysis Results

SDG No.: B0918.M

Client: EISC Client

Sample ID: Sample 1503 **Client ID:** Client Sample 1503

Date Collected: **Matrix:** Aqueous
Date Analyzed: 7/16/2018 13:10 **File ID:** B3078
Date Extracted: 7/13/2018 **Instrument ID:** MSD-B
Dilution: 1 **Analytical Run ID:** RUN NUMBER 1
Sample Wt/Vol: 500.00 mL **Extract Vol:** 500 uL
Analyst ID: TN **% Moisture:** 100
Associated Blank: Method Blank **Prep Method:**

Parameter	CAS Number	Concentration	Qual	DL	LOQ	Units
Benzaldehyde	100-52-7	0.324	U	0.324	1.00	ug/L
Bis(2-chloroethyl) ether	111-44-4	0.338	U	0.338	1.00	ug/L
2,2'-Oxybis(1-Chloropropane)	108-60-1	0.472	U	0.472	1.00	ug/L
N-Nitrosodi-n-propylamine	621-64-7	0.220	U	0.220	1.00	ug/L
Acetophenone	98-86-2	0.282	U	0.282	1.00	ug/L
Hexachloroethane	67-72-1	0.226	U	0.226	1.00	ug/L
Nitrobenzene	98-95-3	0.428	U	0.428	1.00	ug/L
Isophorone	78-59-1	0.227	U	0.227	1.00	ug/L
Bis(2-chloroethoxy) methane	111-91-1	0.304	U	0.304	1.00	ug/L
Naphthalene	91-20-3	0.275	U	0.275	1.00	ug/L
4-Chloroaniline	106-47-8	0.299	U	0.299	1.00	ug/L
Hexachlorobutadiene	87-68-3	0.183	U	0.183	1.00	ug/L
Caprolactam	105-60-2	0.187	U	0.187	1.00	ug/L
2-Methylnaphthalene	91-57-6	0.150	U	0.150	1.00	ug/L
Hexachlorocyclopentadiene	77-47-4	0.193	U	0.193	1.00	ug/L
1,1'-Biphenyl	92-52-4	0.351	U	0.351	1.00	ug/L
2-Chloronaphthalene	91-58-7	0.227	U	0.227	1.00	ug/L
2-Nitroaniline	88-74-4	0.198	U	0.198	1.00	ug/L
Dimethyl phthalate	131-11-3	0.242	U	0.242	1.00	ug/L
2,6-Dinitrotoluene	606-20-2	0.153	U	0.153	1.00	ug/L
Acenaphthylene	208-96-8	0.160	U	0.160	1.00	ug/L
3-Nitroaniline	99-09-2	0.201	U	0.201	1.00	ug/L
Acenaphthene	83-32-9	0.850	J	0.326	1.00	ug/L
2,4-Dinitrotoluene	121-14-2	0.142	U	0.142	1.00	ug/L
Dibenzofuran	132-64-9	0.390	J	0.341	1.00	ug/L
Diethyl phthalate	84-66-2	0.265	U	0.265	1.00	ug/L
Fluorene	86-73-7	0.420	J	0.282	1.00	ug/L
4-Chlorophenyl phenyl ether	7005-72-3	0.285	U	0.285	1.00	ug/L
4-Nitroaniline	100-01-6	0.176	U	0.176	1.00	ug/L
1,2,4,5-Tetrachlorobenzene	95-94-3	0.490	U	0.490	1.00	ug/L
N-Nitrosodiphenylamine	86-30-6	0.135	U	0.135	1.00	ug/L

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VOLATILE ORGANICS

TENTATIVELY IDENTIFIED COMPOUNDS

8270/625/TCLP/SPLP

SDG Number:	Deliverable ID	**GC/MS Column:**	DB-5
Lab ID:	Sample 3564	**Sample Volume:**	500.00mL
Client ID:	Client Sample 3564	**Matrix-Units:**	Aqueous-ug/L
Date Collected:		**% Moisture:**	100.00
Date Received:	7/12/2018	**Dilution Factor:**	1.00
Date Analyzed:	7/16/2018	**Data File:**	B3089

Compound	CAS #	Estimated Concentration	Q	Retention Time
Toluene	108-88-3	**15.3**	J,N	2.12
Unknown SV		**8.76**	J	3.54
Unknown SV		**5.26**	J	5.48
Unknown SV		**6.45**	J	5.77
Unknown SV		**12.1**	J	5.96

Qualifiers:

J = Estimated concentration for TICs

N = Presumptive evidence of a compound from the use of GC/MS library search

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Semi Volatile Analysis Results

SDG No.: Deliverable ID

Client: EISC Client

Sample ID: Mehod Blank-02 **Method Blank ID:** Mehod Blank-02

Date Analyzed: 7/16/2018 20:04 **Matrix:** Aqueous

Date Extracted: 7/13/2018 **File ID:** B3096

Dilution: 1 **Instrument ID:** MSD-B

Sample Wt/Wol: 500.00 mL **Analytical Run ID:** RUN NUMBER 1

Analyst ID: TN **Extract Vol:** 500 uL

Associated Blank: Mehod Blank-02 **% Moisture:** 100

Parameter	CAS Number	Concentration	Qual	DL	LOQ	Units
N-Nitrosodimethylamine*	62-75-9	0.100	U	0.100	0.100	ug/L
Naphthalene*(CP)	91-20-3	0.100	U	0.100	0.100	ug/L
Hexachlorobutadiene*	87-68-3	0.100	U	0.100	0.100	ug/L
2-Methylnaphthalene*(CP)	91-57-6	0.100	U	0.100	0.100	ug/L
1-Methylnaphthalene*(CP)	90-12-0	0.100	U	0.100	0.100	ug/L
Acenaphthylene*(CP)	208-96-8	0.100	U	0.100	0.100	ug/L
Acenaphthene*(CP)	83-32-9	0.100	U	0.100	0.100	ug/L
Dibenzofuran*(CP)	132-64-9	0.100	U	0.100	0.100	ug/L
Fluorene*(CP)	86-73-7	0.100	U	0.100	0.100	ug/L
4,6-Dinitro-2-methylphenol*	534-52-1	0.100	U	0.100	0.100	ug/L
Hexachlorobenzene*	118-74-1	0.020	U	0.020	0.020	ug/L
Pentachlorophenol*	87-86-5	0.100	U	0.100	0.100	ug/L
Phenanthrene*(CP)	85-01-8	0.100	U	0.100	0.100	ug/L
Anthracene*(CP)	120-12-7	0.100	U	0.100	0.100	ug/L
Fluoranthene*(CP)	206-44-0	0.100	U	0.100	0.100	ug/L
Benzo[a]anthracene*	56-55-3	0.100	U	0.100	0.100	ug/L
Chrysene*(CP)	218-01-9	0.100	U	0.100	0.100	ug/L
Benzo[b]fluoranthene*	205-99-2	0.100	U	0.100	0.100	ug/L
Benzo[k]fluoranthene*	207-08-9	0.100	U	0.100	0.100	ug/L
Benzo[a]pyrene*	50-32-8	0.100	U	0.100	0.100	ug/L
Indeno[1,2,3-cd]pyrene*	193-39-5	0.100	U	0.100	0.100	ug/L
Dibenz[a,h]anthracene*	53-70-3	0.100	U	0.100	0.100	ug/L
Benzo[g,h,i]perylene*(CP)	191-24-2	0.100	U	0.100	0.100	ug/L

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SEMI-VOLATILE ORGANICS

SURROGATE PERCENT RECOVERY SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Parameter	Rec	#	Limits
Method Blank	Method Blank	Aqueous	2-Fluorophenol	71		6 - 106
		Aqueous	Phenol-d5	71		5 - 99
		Aqueous	Nitrobenzene-d5	70		19 - 89
		Aqueous	2-Fluorobiphenyl	85		15 - 134
		Aqueous	2,4,6-Tribromophenol	75		15 - 100
		Aqueous	Terphenyl-d14	62		22 - 146
LCS	LCS	Aqueous	2-Fluorophenol	70		6 - 106
		Aqueous	Phenol-d5	70		5 - 99
		Aqueous	Nitrobenzene-d5	80		19 - 89
		Aqueous	2-Fluorobiphenyl	89		15 - 134
		Aqueous	2,4,6-Tribromophenol	84		15 - 100
		Aqueous	Terphenyl-d14	67		22 - 146
Sample 2558	Client Sample 2558	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	68		19 - 89
		Aqueous	2-Fluorobiphenyl	83		15 - 134
		Aqueous	2,4,6-Tribromophenol	0		15 - 100
		Aqueous	Terphenyl-d14	59		22 - 146
Sample 4558	Client Sample 4558	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	57		19 - 89
		Aqueous	2-Fluorobiphenyl	62		15 - 134
		Aqueous	2,4,6-Tribromophenol	0		15 - 100
		Aqueous	Terphenyl-d14	66		22 - 146
Sample 2459	Client Sample 2459	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	57		19 - 89
		Aqueous	2-Fluorobiphenyl	69		15 - 134
		Aqueous	2,4,6-Tribromophenol	0		15 - 100
		Aqueous	Terphenyl-d14	54		22 - 146
Sample 4459	Client Sample 4459	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	55		19 - 89
		Aqueous	2-Fluorobiphenyl	69		15 - 134
		Aqueous	2,4,6-Tribromophenol	0		15 - 100
		Aqueous	Terphenyl-d14	62		22 - 146
Sample 8459	Client Sample 8459	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	59		19 - 89
		Aqueous	2-Fluorobiphenyl	68		15 - 134
		Aqueous	2,4,6-Tribromophenol	0		15 - 100
		Aqueous	Terphenyl-d14	66		22 - 146
Sample 1503	Client Sample 1503	Aqueous	2-Fluorophenol	0		6 - 106
		Aqueous	Phenol-d5	0		5 - 99
		Aqueous	Nitrobenzene-d5	44		19 - 89

 # Column used to flag recovery values outside QC limits when an asterisk
*** - % Recovery is outside QC Limits**

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SEMI-VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

8270/625/TCLP/SPLP

MSD Sample ID: Sample 1567MSD
Client Sample ID: Client Sample 1567MSD
Date Extracted: 7/13/2018
Date Analyzed: 7/16/2018 10:57
Dilution Factor: 1
Prep Batch: 180713-02
MS Sample ID: Sample 1567MS

GC/MS Column: DB-5
MSD Wgt/Vol: 500.00 mL
Matrix-Units: Drinking Waterug/L
Final Volume: 500.00 uL
% Moisture: 100.00
MS Wgt/Vol: 500.00 mL

Compound	Conc Added	Sample	Conc MS	%Rec MS	#	Conc MSD	%Rec MSD	#	RPD	#	QC Limits Recovery	QC Limits RPD
N-Nitrosodimethylamine	40.0	0	18.1	45	$	17.9	45	$	1		2 - 90	17
Pyridine	40.0	0	16.5	41		16.3	41		1		4 - 97	15
Benzaldehyde	40.0	0	2.68	7	$	2.55	6	$	4		3 - 92	16
Phenol	40.0	0	11.0	28		11.1	28		1		6 - 99	17
Aniline	40.0	0	24.8	62	$	24.5	61	$	1		13 - 80	17
Bis(2-chloroethyl) ether	40.0	0	28.9	72		29.5	74		2		17 - 89	14
2-Chlorophenol	40.0	0	23.2	58		23.2	58		0		11 - 80	19
1,3-Dichlorobenzene	40.0	0	24.3	61	$	24.0	60	$	1		25 - 79	19
1,4-Dichlorobenzene	40.0	0	25.2	63	$	24.8	62	$	2		22 - 83	20
Benzyl alcohol	40.0	0	25.0	63	$	26.2	66	$	5		17 - 75	20
1,2-Dichlorobenzene	40.0	0	25.8	65	$	25.4	64	$	2		24 - 81	20
2-Methylphenol	40.0	0	23.1	58		22.6	57		2		7 - 81	15
2,2'-Oxybis(1-Chloropropane)	40.0	0	24.8	62	$	24.7	62	$	0		15 - 85	16
4-Methylphenol	40.0	0	20.7	52	$	20.9	52	$	1		3 - 81	19
N-Nitrosodi-n-propylamine	40.0	0	29.2	73		28.9	72		1		19 - 92	16
Acetophenone	40.0	0	27.2	68	$	27.9	70		3		23 - 83	20
3-Methylphenol	40.0	0	20.8	52		20.9	52		0		3 - 81	19
Hexachloroethane	40.0	0	23.8	60	$	24.5	61	$	3		27 - 79	19
Nitrobenzene	40.0	0	27.8	70		28.3	71		2		21 - 83	20
Isophorone	40.0	0	29.4	74		29.6	74		1		15 - 96	19
2-Nitrophenol	40.0	0	28.4	71		28.5	71		0		11 - 88	20
2,4-Dimethylphenol	40.0	0	28.1	70		27.7	69		1		10 - 99	18
Bis(2-chloroethoxy) methane	40.0	0	29.3	73		29.4	74		0		19 - 89	17
Benzoic acid	40.0	0	3.15	8	$	3.26	8	$	3		3 - 91	20
2,4-Dimethylaniline	40.0	0	27.9	70		27.7	69	$	1		15 - 90	18
2,4-Dichlorophenol	40.0	0	28.6	72		28.3	71		1		8 - 92	17
1,2,4-Trichlorobenzene	40.0	0	26.5	66	$	26.6	67	$	0		24 - 84	20
Naphthalene	40.0	0	28.8	72		28.4	71		1		19 - 90	20
4-Chloroaniline	40.0	0	26.8	67	$	26.7	67	$	0		16 - 89	19
Hexachlorobutadiene	40.0	0	26.4	66	$	26.3	66	$	0		24 - 87	19
Caprolactam	40.0	0	7.92	20	$	8.08	20	$	3		11 - 77	17

* = Values outside of QC Limits
NC = non calculable

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SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Sample ID: Mehod Blank-02S **Method Blank ID:** Mehod Blank-02
Method Blank Lab File ID: B3096 **Date/Time Analyzed:** 7/16/2018 20:04
Matrix: Aqueous **Instrument ID:** MSD-B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Client Sample 1558	Sample 1558	B3097	7/16/2018	20:20
Client Sample 4558	Sample 4558	B3098	7/16/2018	20:36
Client Sample 2459	Sample 2459	B3099	7/16/2018	20:52
Client Sample 4459	Sample 4459	B3100	7/16/2018	21:08
Client Sample 8459	Sample 8459	B3101	7/16/2018	21:24
Client Sample 1503	Sample 1503	B3102	7/16/2018	21:40
Client Sample 2503	Sample 2503	B3103	7/16/2018	21:56
Client Sample 3503	Sample 3503	B3104	7/16/2018	22:12
Client Sample 4503	Sample 4503	B3105	7/16/2018	22:28
Client Sample 5503	Sample 5503	B3106	7/16/2018	22:44
Client Sample 7503	Sample 7503	B3107	7/16/2018	23:00
Client Sample 9503	Sample 9503	B3108	7/16/2018	23:16
Client Sample 1524	Sample 1524	B3109	7/16/2018	23:32
Client Sample 1564	Sample 1564	B3110	7/16/2018	23:48
Client Sample 2564	Sample 2564	B3111	7/17/2018	00:04
Client Sample 3564	Sample 3564	B3112	7/17/2018	00:20
Client Sample 4564	Sample 4564	B3113	7/17/2018	00:36
Client Sample 5564	Sample 5564	B3114	7/17/2018	00:52
Client Sample 1567	Sample 1567	B3115	7/17/2018	01:08
Client Sample 1537	Sample 1537	B3116	7/17/2018	01:26

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Initial Calibration Data Summary Report

Calibration Start Date/Time: 7/9/2018 12:45 **Instrument ID:** MSD-B
Calibration End Date/Time: 7/9/2018 16:14

CALIBRATION FACTORS

Data Files: B2943 B2953 B2944 B2952 B2945 B2951 B2942 B2950 B2946 B2949 B2947 B2948

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	MEAN	% RSD	CT
N-Nitrosodimethylamine	0.535	0.485	0.477	0.397	0.442	0.425		0.460	10.68	A
Pyridine	0.625	0.596	0.594	0.483	0.509	0.524		0.555	10.28	A
Benzaldehyde	0.795	0.762	0.706	0.569	0.660	0.517		0.668	16.26	A
Phenol	1.621	1.288	1.136	1.040	1.088	1.063		1.206	18.36	A
Aniline	0.647	0.570	0.500	0.457	0.447	0.463		0.514	15.39	A
Bis(2-chloroethyl) ether	0.727	0.611	0.595	0.581	0.608	0.525		0.608	10.92	A
2-Chlorophenol	1.393	1.034	0.952	0.893	0.916	0.918		1.018	18.72	A
1,3-Dichlorobenzene	1.233	1.064	1.046	1.009	0.975	0.973		1.050	9.23	A
1,4-Dichlorobenzene	1.228	1.035	1.032	0.987	0.943	0.950		1.029	10.19	A
Benzyl alcohol	0.545	0.617	0.538	0.556	0.520	0.561		0.556	5.96	A
1,2-Dichlorobenzene	1.188	1.001	0.986	0.965	0.927	0.912		0.997	10.01	A
2-Methylphenol	1.072	0.969	0.802	0.790	0.775	0.743		0.859	15.27	A
2,2'-Oxybis(1-Chloropropane)	1.296	1.075	1.056	1.008	0.972	0.872		1.047	13.56	A
4-Methylphenol	1.319	1.085	0.935	0.908	0.860	0.856		0.994	18.07	A
N-Nitrosodi-n-propylamine	0.860	0.680	0.668	0.632	0.613	0.581		0.672	14.69	A
Acetophenone	1.693	1.430	1.291	1.236	1.218	1.127		1.332	15.22	A
3-Methylphenol	1.319	1.080	0.933	0.908	0.859	0.855		0.992	18.11	A
Hexachloroethane	0.442	0.366	0.369	0.367	0.351	0.349		0.374	9.21	A
Nitrobenzene	0.320	0.223	0.216	0.219	0.202	0.207		0.231	19.09	A
Isophorone	0.439	0.338	0.330	0.335	0.312	0.315		0.345	13.70	A
2-Nitrophenol	0.138	0.121	0.112	0.116	0.116	0.114		0.119	8.03	A
2,4-Dimethylphenol	0.285	0.238	0.207	0.204	0.204	0.203		0.224	14.78	A
Bis(2-chloroethoxy) methane	0.299	0.243	0.237	0.241	0.221	0.218		0.243	12.05	A
Benzoic acid	0.093	0.134	0.130	0.147	0.141	0.128		0.129	14.85	A
2,4-Dimethylaniline	0.385	0.290	0.255	0.269	0.251	0.243		0.282	18.82	A
2,4-Dichlorophenol	0.215	0.194	0.172	0.168	0.165	0.163		0.180	11.63	A
1,2,4-Trichlorobenzene	0.237	0.202	0.195	0.199	0.182	0.182		0.200	10.14	A
Naphthalene	0.782	0.797	0.719	0.753	0.681	0.670		0.734	7.15	A
4-Chloroaniline	0.544	0.438	0.377	0.382	0.354	0.351		0.408	18.12	A
Hexachlorobutadiene	0.126	0.108	0.104	0.106	0.095	0.098		0.106	10.20	A
Caprolactam	0.114	0.099	0.091	0.091	0.088	0.079		0.094	12.71	A
4-Chloro-3-methylphenol	0.252	0.203	0.183	0.182	0.181	0.186		0.198	13.94	A
2-Methylnaphthalene	0.685	0.545	0.457	0.469	0.431	0.430		0.503	19.58	A
1-Methylnaphthalene(CP)	0.378	0.419		0.416				0.404	5.73	A
Hexachlorocyclopentadiene	0.160	0.141	0.146	0.164	0.151	0.141		0.150	6.47	A
2,4,6-Trichlorophenol	0.240	0.183	0.157	0.160	0.160	0.149		0.175	19.21	A

*** - SPCC compound**
**** - CCC compound**
CT = A (Average), CT = Q (Quadratic), CT = L (Linear)
CT = Calibration Type
CT = Q or L will have an associated Regression Report

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Continuing Calibration Data Summary Report

Calibration Date/Time: 7/9/2018 12:45
Instrument ID: MSD-B
Lab File ID: B2942
Lab Sample ID: ICC040BNA1

Compound Name	Conc	CCV TV	% Recovery
N-Nitrosodimethylamine	36.3	40.0	91
Pyridine	34.3	40.0	86
Benzaldehyde	0	40.0	0
Phenol	39.0	40.0	98
Aniline	38.9	40.0	97
Bis(2-chloroethyl) ether	38.4	40.0	96
2-Chlorophenol	41.2	40.0	103
1,3-Dichlorobenzene	39.7	40.0	99
1,4-Dichlorobenzene	38.5	40.0	96
Benzyl alcohol	40.0	40.0	100
1,2-Dichlorobenzene	38.9	40.0	97
2-Methylphenol	42.6	40.0	107
2,2'-Oxybis(1-Chloropropane)	35.7	40.0	89
4-Methylphenol	41.7	40.0	104
N-Nitrosodi-n-propylamine	39.7	40.0	99
Acetophenone	41.3	40.0	103
3-Methylphenol	41.8	40.0	105
Hexachloroethane	43.9	40.0	110
Nitrobenzene	40.9	40.0	102
Isophorone	43.4	40.0	109
2-Nitrophenol	47.6	40.0	119
2,4-Dimethylphenol	41.2	40.0	103
Bis(2-chloroethoxy) methane	44.5	40.0	111
Benzoic acid	81.2	40.0	203
2,4-Dimethylaniline	41.2	40.0	103
2,4-Dichlorophenol	35.3	40.0	88
1,2,4-Trichlorobenzene	35.4	40.0	89
Naphthalene	42.9	40.0	107
4-Chloroaniline	41.3	40.0	103
Hexachlorobutadiene	28.7	40.0	72
Caprolactam	42.3	40.0	106
4-Chloro-3-methylphenol	45.1	40.0	113
2-Methylnaphthalene	36.9	40.0	92
1-Methylnaphthalene(CP)	41.3	40.0	103
Hexachlorocyclopentadiene	26.7	40.0	67
2,4,6-Trichlorophenol	26.6	40.0	67
2,4,5-Trichlorophenol	30.8	40.0	77
1,1'-Biphenyl	33.5	40.0	84
2-Chloronaphthalene	32.5	40.0	81
2-Nitroaniline	40.2	40.0	101
Dimethyl phthalate	32.9	40.0	82
2,6-Dinitrotoluene	41.0	40.0	103

EISC
Lab Data Automation

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Date Analyzed: 07/16/2018 09:23 **Instrument ID:** MSD-B
Lab File ID: B3066

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	890934	6.48	497912	8.17	249361	9.57
UPPER LIMIT	1781868	6.98	995824	8.67	498722	10.07
LOWER LIMIT	445467	5.98	248956	7.67	124681	9.07
LAB SAMPLE ID						
Sample 1567MS	830685	6.48	570582	8.19	319584	9.58
Sample 1567MSD	811058	6.48	580641	8.19	319236	9.59
Sample 1567	845079	6.48	574122	8.18	312673	9.59
Sample 2558	915570	6.48	636835	8.22	349464	9.64
Sample 4558	775149	6.48	534703	8.20	296853	9.62
Sample 2459	769605	6.48	529754	8.21	299495	9.61
Sample 4459	869088	6.48	593171	8.18	332452	9.58
Sample 8459	800683	6.47	548862	8.15	304815	9.55
Sample 1503	782783	6.47	573609	8.17	359156	9.57
Sample 2503	768547	6.48	545964	8.17	369950	9.57
Sample 3503	697690	6.48	583772	8.18	432605	9.60
Sample 4503	905262	6.48	608435	8.19	418921	9.59
Sample 5503	1017103	6.47	714027	8.17	479861	9.57
Sample 7503	966628	6.47	675193	8.15	438883	9.54
Sample 9503	828557	6.47	596018	8.14	452006	9.54
Sample 1524	951220	6.46	651582	8.15	460473	9.55
ZZZZZZ	0	0.00	0	0.00	0	0.00
Sample 1564	894052	6.46	646779	8.15	429036	9.56
Sample 2564	836438	6.46	583537	8.12	391011	9.50
Sample 3564	469413	6.47	362892	8.19	212093	9.59

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

EISC
Lab Data Automation

Detection Summary Sheet

SDG No.: Deliverable ID

Client: EISC Client

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
Client ID:	**Client Sample 1503**								
Sample 1503	Client Sample 1503	Aqueous	Acenaphthene		0.850	J	1.00	0.326	ug/L
Sample 1503	Client Sample 1503	Aqueous	Dibenzofuran		0.390	J	1.00	0.341	ug/L
Sample 1503	Client Sample 1503	Aqueous	Fluorene		0.420	J	1.00	0.282	ug/L
Sample 1503	Client Sample 1503	Aqueous	Phenanthrene		0.360	J	1.00	0.289	ug/L
Sample 1503	Client Sample 1503	Aqueous	Fluoranthene		0.330	J	1.00	0.235	ug/L
Sample 1503	Client Sample 1503	Aqueous	Benzo[a]anthracene*		0.150		0.100	0.100	ug/L
Sample 1503	Client Sample 1503	Aqueous	Benzo[b]fluoranthene*		0.140		0.100	0.100	ug/L
Sample 1503	Client Sample 1503	Aqueous	Benzo[k]fluoranthene*		0.120		0.100	0.100	ug/L
Sample 1503	Client Sample 1503	Aqueous	Benzo[a]pyrene*		0.170		0.100	0.100	ug/L
Sample 1503	Client Sample 1503	Aqueous	Indeno[1,2,3-cd]pyrene*		0.150		0.100	0.100	ug/L
Sample 1503	Client Sample 1503	Aqueous	Pentadecane, 2,6,10,14-tetram	*	5.77	JN	0	0	ug/L
Client ID:	**Client Sample 1524**								
Sample 1524	Client Sample 1524	Aqueous	2-Methylnaphthalene		0.280	J	1.00	0.150	ug/L
Sample 1524	Client Sample 1524	Aqueous	Pyrene		0.380	J	1.00	0.366	ug/L
Sample 1524	Client Sample 1524	Aqueous	Unknown SV	*	4.29	J	0	0	ug/L
Sample 1524	Client Sample 1524	Aqueous	1,4,5,8-Tetramethylnaphthalen	*	4.63	JN	0	0	ug/L

EISC
Lab Data Automation

Run Number	RUN NUMBER 1
Analyst	TN
Method	8270/625/TCLP/SPLP
Instrument ID	MSD-B

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File	Prep Batch	Analyst Comments
1	DFTPP	7/9/2018	12:35	1	Aqueous	B2941		
2	ICC040BNA1	7/9/2018	12:45	1	Aqueous	B2942		
3	ICC001BNA1	7/9/2018	13:04	1	Aqueous	B2943		
4	ICC010BNA1	7/9/2018	13:23	1	Aqueous	B2944		
5	ICC020BNA1	7/9/2018	13:42	1	Aqueous	B2945		
6	ICC080BNA1	7/9/2018	14:01	1	Aqueous	B2946		
7	ICC160BNA1	7/9/2018	14:20	1	Aqueous	B2947		
8	ICC160BNA2	7/9/2018	14:39	1	Aqueous	B2948		
9	ICC080BNA2	7/9/2018	14:58	1	Aqueous	B2949		
10	ICC040BNA2	7/9/2018	15:17	1	Aqueous	B2950		
11	ICC020BNA2	7/9/2018	15:36	1	Aqueous	B2951		
12	ICC010BNA2	7/9/2018	15:55	1	Aqueous	B2952		
13	ICC001BNA2	7/9/2018	16:14	1	Aqueous	B2953		
14	ICV040BNA1	7/9/2018	16:33	1	Aqueous	B2954		
15	ICV040BNA2	7/9/2018	16:52	1	Aqueous	B2955		
16	ICC000.1SIM	7/9/2018	17:10	1	Aqueous	B2956		
17	ICC000.2SIM	7/9/2018	17:26	1	Aqueous	B2957		
18	ICC000.5SIM	7/9/2018	17:42	1	Aqueous	B2958		
19	ICC001.0SIM	7/9/2018	17:58	1	Aqueous	B2959		
20	ICC002.0SIM	7/9/2018	18:14	1	Aqueous	B2960		
21	ICC004.0SIM	7/9/2018	18:30	1	Aqueous	B2961		
22	ICV000.5SIM	7/9/2018	18:46	1	Aqueous	B2962		
1	DFTPP	7/16/2018	09:12	1	Aqueous	B3065		
2	CCV040BNA1	7/16/2018	09:23	1	Aqueous	B3066		
3	CCV040BNA2	7/16/2018	09:42	1	Aqueous	B3067		
4	Method Blank	7/16/2018	10:00	1	Aqueous	B3068	180713-02	
5	LCS	7/16/2018	10:19	1	Aqueous	B3069	180713-02	
6	Sample 1567MS	7/16/2018	10:38	1	Drinkin	B3070	180713-02	
7	Sample 1567MSD	7/16/2018	10:57	1	Drinkin	B3071	180713-02	
8	Sample 1567	7/16/2018	11:16	1	Drinkin	B3072	180713-02	
9	Sample 2558	7/16/2018	11:35	1	Aqueous	B3073	180713-02	
10	Sample 4558	7/16/2018	11:54	1	Aqueous	B3074	180713-02	
11	Sample 2459	7/16/2018	12:13	1	Aqueous	B3075	180713-02	
12	Sample 4459	7/16/2018	12:32	1	Aqueous	B3076	180713-02	
13	Sample 8459	7/16/2018	12:51	1	Aqueous	B3077	180713-02	
14	Sample 1503	7/16/2018	13:10	1	Aqueous	B3078	180713-02	
15	Sample 2503	7/16/2018	13:29	1	Aqueous	B3079	180713-02	
16	Sample 3503	7/16/2018	13:48	1	Aqueous	B3080	180713-02	
17	Sample 4503	7/16/2018	14:07	1	Aqueous	B3081	180713-02	
18	Sample 5503	7/16/2018	14:26	1	Aqueous	B3082	180713-02	
19	Sample 7503	7/16/2018	14:46	1	Aqueous	B3083	180713-02	
20	Sample 9503	7/16/2018	15:05	1	Aqueous	B3084	180713-02	
21	Sample 1524	7/16/2018	15:24	1	Aqueous	B3085	180713-02	