EISC
Lab Data Automation

Example 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 …

Powered by EISC

EISC
Lab Data Automation

Volatile Analysis Results

SDG No.: Deliverable ID

Client: EISC Laboratories, Inc.

Sample ID: Sample 1 **Client ID:** Client Sample 1

Date Collected: 9/26/2018 **Matrix:** WATER
Sample Wt/Vol: 40.00 mL **File ID:** 181008N010.QGD
Analyst ID: CHEMIST ID **Instrument ID:** GCMS1
Associated Blank: 2868013 **Analytical Run ID:** GCMS 100818
Extract Vol: 40000 uL **% Moisture:** 100

Parameter	CAS Number	Concentration	Qual	DL	LOD	LOQ	Units	DF	Analyzed	
1,1,1-Trichloroethane	71-55-6	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,1,2,2-Tetrachloroethane	79-34-5	0.40	U	0.40	2.0	4.0	ug/L	2	10/8/2018	12:33
1,1,2-Trichloroethane	79-00-5	0.50	U	0.50	2.0	4.0	ug/L	2	10/8/2018	12:33
1,1,2-Trichlorotrifluoroethane	76-13-1	5.0	U	5.0	2.0	20	ug/L	2	10/8/2018	12:33
1,1-Dichloroethane	75-34-3	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,1-Dichloroethene	75-35-4	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	10	20	ug/L	2	10/8/2018	12:33
1,2-Dibromo-3-chloropropane	96-12-8	5.0	U	5.0	10	20	ug/L	2	10/8/2018	12:33
1,2-Dibromoethane	106-93-4	0.50	U	0.50	2.0	4.0	ug/L	2	10/8/2018	12:33
1,2-Dichlorobenzene	95-50-1	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,2-Dichloroethane	107-06-2	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,2-Dichloropropane	78-87-5	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,3-Dichlorobenzene	541-73-1	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
1,4-Dichlorobenzene	106-46-7	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
2-Butanone(MEK)	78-93-3	5.0	U	5.0	10	20	ug/L	2	10/8/2018	12:33
2-Hexanone(MBK)	591-78-6	5.0	U	5.0	10	20	ug/L	2	10/8/2018	12:33
4-Methyl-2-Pentanone(MIBK)	108-10-1	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Acetone	67-64-1	8.2	J	5.0	10	20	ug/L	2	10/8/2018	12:33
Benzene	71-43-2	0.60	U	0.60	2.0	4.0	ug/L	2	10/8/2018	12:33
Bromodichloromethane	75-27-4	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Bromoform	75-25-2	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Bromomethane	74-83-9	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Carbon Disulfide	75-15-0	5.0	U	5.0	10	20	ug/L	2	10/8/2018	12:33
Carbon tetrachloride	56-23-5	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Chlorobenzene	108-90-7	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Chloroethane	75-00-3	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Chloroform	67-66-3	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
Chloromethane	74-87-3	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33
cis-1,2-Dichloroethene	156-59-2	1.0	U	1.0	2.0	4.0	ug/L	2	10/8/2018	12:33

EISC
Lab Data Automation

VOLATILE ORGANICS

SURROGATE PERCENT RECOVERY SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Parameter	Rec	#	Limits
Method Blank	Method Blank	WATER	1,2-Dichloroethane-d4	101		81 - 118
		WATER	Toluene-d8	98		89 - 112
		WATER	Bromofluorobenzene	117		86 - 123
LCS	LCS	WATER	1,2-Dichloroethane-d4	99		81 - 118
		WATER	Toluene-d8	98		89 - 112
		WATER	Bromofluorobenzene	95		86 - 123
Sample 1	Client Sample 1	WATER	1,2-Dichloroethane-d4	104		81 - 118
		WATER	Toluene-d8	97		89 - 112
		WATER	Bromofluorobenzene	116		86 - 123
Sample 2	Client Sample 2	WATER	1,2-Dichloroethane-d4	103		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	114		86 - 123
Sample 3	Client Sample 3	WATER	1,2-Dichloroethane-d4	105		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	118		86 - 123
Sample 4	Client Sample 4	WATER	1,2-Dichloroethane-d4	101		81 - 118
		WATER	Toluene-d8	97		89 - 112
		WATER	Bromofluorobenzene	116		86 - 123
Sample 7	Client Sample 7	WATER	1,2-Dichloroethane-d4	101		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	118		86 - 123
Sample 8	Client Sample 8	WATER	1,2-Dichloroethane-d4	101		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	117		86 - 123
Sample 9	Client Sample 9	WATER	1,2-Dichloroethane-d4	102		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	114		86 - 123
Sample 10	Client Sample 10	WATER	1,2-Dichloroethane-d4	102		81 - 118
		WATER	Toluene-d8	96		89 - 112
		WATER	Bromofluorobenzene	116		86 - 123
Sample 11	Client Sample 11	WATER	1,2-Dichloroethane-d4	102		81 - 118
		WATER	Toluene-d8	95		89 - 112
		WATER	Bromofluorobenzene	118		86 - 123
Sample 1MS	Sample 1MS	WATER	1,2-Dichloroethane-d4	101		81 - 118
		WATER	Toluene-d8	95		89 - 112
		WATER	Bromofluorobenzene	96		86 - 123
Sample 1MSD	Sample 1MSD	WATER	1,2-Dichloroethane-d4	97		81 - 118
		WATER	Toluene-d8	97		89 - 112
		WATER	Bromofluorobenzene	95		86 - 123
Sample 6	Client Sample 6	WATER	1,2-Dichloroethane-d4	104		81 - 118
		WATER	Toluene-d8	95		89 - 112
		WATER	Bromofluorobenzene	113		86 - 123

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

EISC
Lab Data Automation

VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

GCMS Method

Lab Sample ID: Sample 1MSD
Client Sample ID: Sample 1MSD
Date Analyzed: 10/8/2018
Date Extracted:
MSD Data File: 181008N020.QGD

GC/MS Column: RTX
Sample Volume: 40.0 mL
Matrix-Units: WATERug/L
Final Volume: 40000 uL
% Moisture: 100.00
Dilution Factor: 1

Compound	Conc Added	Sample	Conc MS	%Rec MS	#	Conc MSD	%Rec MSD	#	RPD	QC Limits Recovery	QC Limits RPD
Dichlorodifluoromethane	20	0	14.2	71	Q	20	98		31	72 - 131	20
Chloromethane	20	0	15.2	76		19	97		24	50 - 139	20
Vinyl Chloride	20	0	16.3	81		21	104		25	58 - 137	20
Bromomethane	20	0	20.7	104		28	139		29	53 - 141	20
Chloroethane	20	0	15.7	79		20	100		24	60 - 138	20
Trichlorofluoromethane	20	0	15.6	78		21	103		28	65 - 141	20
acrolein	100	0	54.9	55		91	91		50	39 - 155	20
1,1-Dichloroethene	20	0	15.5	77		20	102		28	71 - 131	20
Acetone	20	0	16.3	81		23	116		35	39 - 160	20
Idomethane	20	0	14.1	71		19	97		31	69 - 131	20
Carbon Disulfide	20	0	15.0	75		20	101		29	64 - 133	20
Methylene Chloride	20	0	10.5	52	Q	15	73	Q	32	74 - 124	20
Acrylonitrile	20	0	16.0	80		21	104		26	63 - 135	20
MTBE	20	0	14.4	72		19	95		28	71 - 124	20
trans-1,2-Dichloroethene	20	0	15.5	78		21	103		28	75 - 124	20
Vinyl Acetate	20	0	11.0	55		17	85		43	54 - 146	20
1,1-Dichloroethane	20	0	15.3	77	Q	20	100		26	77 - 125	20
2-Butanone(MEK)	20	0	13.7	68		19	93		30	56 - 143	20
cis-1,2-Dichloroethene	20	0	15.3	76	Q	20	100		26	78 - 123	20
2,2-Dichloropropane	20	0	13.4	67		18	91		30	60 - 139	20
Bromochloromethane	20	0	15.7	79		19	97		21	78 - 123	20
Chloroform	20	0	16.3	82		21	105		26	79 - 124	20
1,1,1-Trichloroethane	20	0	15.1	75		20	100		28	74 - 131	20
1,1-Dichloropropene	20	0	14.9	74	Q	20	101		30	79 - 125	20
Carbon tetrachloride	20	0	15.6	78		22	109		33	72 - 136	20
Benzene	20	0	15.3	77	Q	20	102		28	79 - 120	20
1,2-Dichloroethane	20	0	16.0	80		21	103		25	73 - 128	20
Trichloroethene	20	0	14.9	74	Q	20	99		29	79 - 123	20
1,2-Dichloropropane	20	0	15.4	77	Q	20	102		28	78 - 122	20
Dibromomethane	20	0	14.9	75	Q	20	98		27	79 - 123	20

* = Values outside of QC Limits
NC = non calculable

EISC
Lab Data Automation

LABORATORY CONTROL SAMPLE REPORT
GCMS Method

Lab Sample ID: LCS
Client Sample ID: LCS
Date Analyzed: 10/8/2018
Matrix-Units: WATER-ug/L
LCS Data File: 181008N008.QGD
Dilution Factor: 1

Compound	Conc Added	Conc LCS	%Rec LCS	#	QC Limits Recovery
Dichlorodifluoromethane	20	19	96		72 - 131
Chloromethane	20	19	95		50 - 139
Vinyl Chloride	20	19	97		58 - 137
Bromomethane	20	20	102		53 - 141
Chloroethane	20	19	94		60 - 138
Trichlorofluoromethane	20	20	99		65 - 141
acrolein	100	100	101		39 - 155
Acetone	20	21	103		39 - 160
1,1-Dichloroethene	20	20	98		71 - 131
Idomethane	20	14	72		69 - 131
Acrylonitrile	20	19	95		63 - 135
Methylene Chloride	20	16	81		74 - 124
Carbon Disulfide	20	20	98		64 - 133
trans-1,2-Dichloroethene	20	20	98		75 - 124
MTBE	20	19	94		71 - 124
1,1-Dichloroethane	20	19	96		77 - 125
Vinyl Acetate	20	19	95		54 - 146
2-Butanone(MEK)	20	19	94		56 - 143
cis-1,2-Dichloroethene	20	20	99		78 - 123
Bromochloromethane	20	19	94		78 - 123
Chloroform	20	20	99		79 - 124
2,2-Dichloropropane	20	20	100		60 - 139
1,2-Dichloroethane	20	20	98		73 - 128
1,1,1-Trichloroethane	20	19	97		74 - 131
1,1-Dichloropropene	20	20	98		79 - 125
Carbon tetrachloride	20	20	100		72 - 136
Benzene	20	20	98		79 - 120
Dibromomethane	20	19	97		79 - 123
1,2-Dichloropropane	20	19	97		78 - 122
Trichloroethene	20	19	96		79 - 123
Bromodichloromethane	20	20	100		79 - 125
2-Chloroetheylvinyl ether	20	16	81		51 - 139
cis-1,3-Dichloropropene	20	20	98		75 - 124
4-Methyl-2-Pentanone(MIBK)	20	19	96		67 - 130
trans-1,3-Dichloropropene	20	20	102		73 - 127

A = Values outside of QC Limits

EISC
Lab Data Automation

VOLATILE ORGANICS
METHOD BLANK SUMMARY

Method Blank Lab File ID: 181008N006.QGD **Date/Time Analyzed:** 10/8/2018 10:39
Matrix: WATER **Instrument ID:** GCMS1

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

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS	LCS	181008N008.QGD	10/8/2018	11:34
Client Sample 1	Sample 1	181008N010.QGD	10/8/2018	12:33
Client Sample 2	Sample 2	181008N011.QGD	10/8/2018	13:02
Client Sample 3	Sample 3	181008N012.QGD	10/8/2018	13:31
Client Sample 4	Sample 4	181008N013.QGD	10/8/2018	14:01
Client Sample 7	Sample 7	181008N014.QGD	10/8/2018	14:30
Client Sample 8	Sample 8	181008N015.QGD	10/8/2018	14:59
Client Sample 9	Sample 9	181008N016.QGD	10/8/2018	15:29
Client Sample 10	Sample 10	181008N017.QGD	10/8/2018	15:58
Client Sample 11	Sample 11	181008N018.QGD	10/8/2018	16:28
Sample 1MS	Sample 1MS	181008N019.QGD	10/8/2018	16:57
Sample 1MSD	Sample 1MSD	181008N020.QGD	10/8/2018	17:26

EISC
Lab Data Automation

Initial Calibration Data Summary Report

Calibration Start Date/Time: 10/4/2018 16:24
Calibration End Date/Time: 10/4/2018 19:52
Instrument ID: GCMS1
Method ID: GCMS Method

CALIBRATION FACTORS

Data Files:	181004N016.QGD	181004N018.QGD	181004N019.QGD	181004N020.QGD	181004N021.QGD	181004N022.QGD	181004N023.QGD			
Parameter	**RRF1**	**RRF2**	**RRF3**	**RRF4**	**RRF5**	**RRF6**	**RRF7**	**MEAN**	**% RSD**	**CT**
Dichlorodifluoromethane	0.495	0.540	0.559	0.535	0.462	0.364	0.234	0.456	25.85	L
Chloromethane*	0.919	0.961	0.956	0.925	0.834	0.666	0.431	0.813	24.29	L
Vinyl Chloride**	0.849	0.943	0.943	0.931	0.838	0.649	0.409	0.795	25.00	L
Bromomethane	0.184	0.187	0.195	0.201	0.225	0.199	0.136	0.190	14.25	A
Chloroethane	0.534	0.584	0.574	0.552	0.490	0.376	0.232	0.477	27.07	L
Trichlorofluoromethane	0.523	0.614	0.637	0.614	0.533	0.417	0.269	0.515	25.65	L
acrolein	0.067	0.070	0.074	0.071	0.066	0.052	0.030	0.061	25.23	L
Acetone	0.067	0.389	0.360	0.328	0.284	0.237	0.135	0.257	46.26	L
Diethyl Ether	0.467	0.533	0.572	0.548	0.514	0.396	0.241	0.467	24.76	L
1,1-Dichloroethene**	0.848	0.933	0.956	0.923	0.836	0.641	0.403	0.792	25.45	L
Idomethane	0.039	0.113	0.163	0.225	0.259	0.210	0.139	0.164	45.83	L
Acrylonitrile		0.335	0.355	0.327	0.310	0.246	0.148	0.287	27.09	L
Methylene Chloride	3.485	1.481	1.187	1.032	0.809	0.609	0.380	1.284	80.81	L
1,1,2-Trichlorotrifluoroethane	0.481	0.488	0.521	0.498	0.433	0.350	0.224	0.428	24.86	L
Carbon Disulfide	1.469	1.598	1.619	1.576	1.455	1.144	0.730	1.370	23.73	L
trans-1,2-Dichloroethene	0.857	0.944	0.975	0.942	0.848	0.659	0.415	0.806	25.07	L
MTBE	1.362	1.453	1.546	1.487	1.414	1.099	0.671	1.290	23.91	L
1,1-Dichloroethane*	1.088	1.234	1.251	1.214	1.134	0.869	0.538	1.047	24.80	L
Vinyl Acetate		1.390	1.555	1.582	1.573	1.241	0.760	1.350	23.58	L
2-Butanone(MEK)		1.364	1.449	1.384	1.330	1.054	0.626	1.201	26.10	L
cis-1,2-Dichloroethene	0.999	1.125	1.127	1.117	1.028	0.806	0.494	0.957	24.39	L
Bromochloromethane	0.480	0.538	0.567	0.524	0.471	0.362	0.220	0.452	26.91	L
Chloroform**	0.714	0.839	0.861	0.833	0.776	0.602	0.374	0.714	24.49	L
2,2-Dichloropropane	0.524	0.573	0.574	0.567	0.536	0.423	0.263	0.494	23.23	L
Ethyl Acetate		0.129	0.127	0.144	0.120	0.097	0.057	0.112	27.64	L
1,2-Dichloroethane	0.596	0.692	0.708	0.688	0.623	0.487	0.298	0.584	25.26	L
1,1,1-Trichloroethane	0.631	0.692	0.720	0.693	0.647	0.495	0.308	0.598	24.68	L
1,1-Dichloropropene	0.668	0.764	0.795	0.771	0.688	0.550	0.351	0.655	24.13	L
Carbon tetrachloride	0.277	0.358	0.396	0.414	0.390	0.312	0.202	0.335	22.85	L
Benzene	2.231	2.506	2.604	2.517	2.301	1.778	1.116	2.151	24.79	L
Dibromomethane	0.256	0.298	0.312	0.303	0.281	0.220	0.134	0.258	24.44	L
1,2-Dichloropropane**	0.576	0.685	0.698	0.680	0.641	0.495	0.303	0.583	24.54	L
Trichloroethene	0.504	0.566	0.583	0.553	0.503	0.396	0.251	0.479	24.68	L
Bromodichloromethane	0.494	0.595	0.621	0.621	0.570	0.447	0.272	0.517	24.47	L

*** - SPCC compound**
**** - CCC compound**

EISC
Lab Data Automation

Initial Calibration Verification Summary Report

Calibration Date/Time: 10/4/2018 21:50 **Lab File ID:** 181004N027.OGD

Instrument ID: GCMS1 **Lab Sample ID:** ICV1

	Spike	ICV	ICV %D	QC Limits
acrolein	20	28.97	44.8	20
Acetone	20	22.84	14.2	20
Diethyl Ether	20	21.53	7.6	20
1,1-Dichloroethene	20	21.26	6.3	20
Idomethane	20	17.28	13.6	20
Acrylonitrile	20	21.12	5.6	20
Methylene Chloride	20	20.57	2.9	20
1,1,2-Trichlorotrifluoroethane	20	19.98	0.1	20
Carbon Disulfide	20	21.04	5.2	20
trans-1,2-Dichloroethene	20	21.48	7.4	20
MTBE	20	20.91	4.5	20
1,1-Dichloroethane	20	21.55	7.8	20
Vinyl Acetate	20	16.40	18.0	20
2-Butanone(MEK)	20	17.82	10.9	20
cis-1,2-Dichloroethene	20	20.61	3.0	20
Bromochloromethane	20	21.69	8.4	20
Chloroform	20	21.85	9.3	20
2,2-Dichloropropane	20	19.83	0.9	20
1,2-Dichloroethane	20	21.99	10.0	20
1,1,1-Trichloroethane	20	19.92	0.4	20
1,1-Dichloropropene	20	21.81	9.1	20
Carbon tetrachloride	20	21.78	8.9	20
Benzene	20	21.53	7.7	20
Dibromomethane	20	21.78	8.9	20
1,2-Dichloropropane	20	22.22	11.1	20
Trichloroethene	20	21.78	8.9	20
Bromodichloromethane	20	21.49	7.5	20
2-Nitropropane	20	22.23	11.2	20
Methyl Methacrylate	20	21.69	8.5	20
2-Chloroetheylvinyl ether	20	20.01	0	20
cis-1,3-Dichloropropene	20	21.83	9.2	20
4-Methyl-2-Pentanone(MIBK)	20	22.13	10.6	20
trans-1,3-Dichloropropene	20	22.10	10.5	20

Only CCC compounds are qualified for %D criteria

EISC
Lab Data Automation

Continuing Calibration Verification Summary Report

Calibration Date/Time: 10/8/2018 11:34 **Lab File ID:** 181008N008.QGD

Instrument ID: GCMS1 **Lab Sample ID:** CCV

Compound	Spike Added	CCV Res	CCV %D	QC Limits % D
Dichlorodifluoromethane	20	19.22	3.9	20
Chloromethane	20	18.97	5.1	20
Vinyl Chloride	20	19.31	3.5	20
Bromomethane	20	20.34	1.7	20
Chloroethane	20	18.86	5.7	20
Trichlorofluoromethane	20	19.87	0.7	20
acrolein	100	101.3	1.3	20
Acetone	20	20.63	3.1	20
Diethyl Ether	20	19.80	1.0	20
1,1-Dichloroethene	20	19.67	1.7	20
Idomethane	20	14.46	27.7	20
Acrylonitrile	20	19.02	4.9	20
Methylene Chloride	20	16.11	19.5	20
1,1,2-Trichlorotrifluoroethane	20	19.72	1.4	20
Carbon Disulfide	20	19.51	2.5	20
trans-1,2-Dichloroethene	20	19.56	2.2	20
MTBE	20	18.78	6.1	20
1,1-Dichloroethane	20	19.14	4.3	20
Vinyl Acetate	20	19.04	4.8	20
2-Butanone(MEK)	20	18.86	5.7	20
cis-1,2-Dichloroethene	20	19.71	1.4	20
Bromochloromethane	20	18.73	6.3	20
Chloroform	20	19.78	1.1	20
2,2-Dichloropropane	20	20.06	0.3	20
Ethyl Acetate	20	19.65	1.7	20
1,2-Dichloroethane	20	19.68	1.6	20
1,1,1-Trichloroethane	20	19.33	3.4	20
1,1-Dichloropropene	20	19.51	2.4	20
Carbon tetrachloride	20	20.00	0	20
Benzene	20	19.51	2.4	20
Dibromomethane	20	19.38	3.1	20
1,2-Dichloropropane	20	19.49	2.6	20
Trichloroethene	20	19.26	3.7	20

Only CCC compounds are qualified for %D criteria

EISC
Lab Data Automation

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Date Analyzed: 10/8/2018 11:34 **Instrument ID:** GCMS1
Lab File ID: 181008N008.QGD

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	420284	4.947	389756	7.382	285214	9.624
UPPER LIMIT	630426	4.997	584634	7.432	427821	9.674
LOWER LIMIT	210142	4.897	194878	7.332	142607	9.574
LAB SAMPLE ID						
CCV/2868014	420284	4.947	389756	7.382	285214	9.624
LCS	420284	4.947	389756	7.382	285214	9.624
RINSE	391161	4.947	361456	7.382	200506	9.625
Client Sample 1	404641	4.948	378139	7.382	210980	9.625
Client Sample 2	417091	4.948	390550	7.382	219690	9.626
Client Sample 3	387211	4.948	371806	7.382	197386	9.627
Client Sample 4	391667	4.949	364465	7.384	203130	9.627
Client Sample 7	386161	4.949	363314	7.384	193259	9.628
Client Sample 8	395749	4.950	373897	7.385	199500	9.629
Client Sample 9	401142	4.950	381719	7.385	208160	9.629
Client Sample 10	389217	4.951	366401	7.385	197120	9.629
Client Sample 11	395720	4.950	375271	7.386	203419	9.629
Sample 1MS	412724	4.950	398261	7.385	280633	9.629
Sample 1MSD	418818	4.950	396057	7.385	284660	9.628
LCS	420284	4.947	389756	7.382	285214	9.624
RINSE	391161	4.947	361456	7.382	200506	9.625
Client Sample 1	404641	4.948	378139	7.382	210980	9.625
Client Sample 2	417091	4.948	390550	7.382	219690	9.626
Client Sample 3	387211	4.948	371806	7.382	197386	9.627
Client Sample 4	391667	4.949	364465	7.384	203130	9.627

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +50% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 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

Run Number	GCMS 100818
Analyst	CHEMIST ID
Method	GCMS Method
Instrument ID	GCMS1

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File	Prep Batch	Analyst Comments
19	TUNE	10/8/2018	10:39	1	WATER	181008N006.QGD		
20	Method Blank	10/8/2018	10:39	1	WATER	181008N006.QGD	2451	
21	IB	10/8/2018	10:39	1	WATER	181008N006.QGD		
22	LCS	10/8/2018	11:34	1	WATER	181008N008.QGD	2451	
23	CCV	10/8/2018	11:34	1	WATER	181008N008.QGD		
24	RINSE	10/8/2018	12:03	1	WATER	181008N009.QGD		
25	Sample 1	10/8/2018	12:33	2	WATER	181008N010.QGD	2451	
26	Sample 2	10/8/2018	13:02	2	WATER	181008N011.QGD	2451	
27	Sample 3	10/8/2018	13:31	1	WATER	181008N012.QGD	2451	
28	Sample 4	10/8/2018	14:01	1	WATER	181008N013.QGD	2451	
29	Sample 7	10/8/2018	14:30	1	WATER	181008N014.QGD	2451	
30	Sample 8	10/8/2018	14:59	1	WATER	181008N015.QGD	2451	
31	Sample 9	10/8/2018	15:29	1	WATER	181008N016.QGD	2451	
32	Sample 10	10/8/2018	15:58	1	WATER	181008N017.QGD	2451	
33	Sample 11	10/8/2018	16:28	1	WATER	181008N018.QGD	2451	
34	Sample 1MS	10/8/2018	16:57	1	WATER	181008N019.QGD	2451	
35	Sample 1MSD	10/8/2018	17:26	1	WATER	181008N020.QGD	2451	
36	ENDCCV	10/8/2018	17:56	1	WATER	181008N021.QGD		