

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063329.D
 Acq On : 2 Aug 2019 20:56
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 23:08:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	909497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1223978	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1030610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	600111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	580208	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	
35) Dibromofluoromethane	6.90	113	611019	58.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.94%	
50) Toluene-d8	10.40	98	1294128	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
62) 4-Bromofluorobenzene	13.55	95	582267	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	497279	44.730	ug/l	100
3) Chloromethane	1.73	50	380159	44.012	ug/l #	87
4) Vinyl Chloride	1.83	62	382898	42.821	ug/l	94
5) Bromomethane	2.14	94	216620	48.034	ug/l	96
6) Chloroethane	2.26	64	211677	51.274	ug/l	96
7) Trichlorofluoromethane	2.51	101	823449	47.469	ug/l	99
8) Diethyl Ether	2.86	74	111408	45.889	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.13	101	436022	45.376	ug/l	99
10) Methyl Iodide	3.29	142	647717	46.660	ug/l	95
11) Tert butyl alcohol	4.07	59	97045	219.125	ug/l	98
12) 1,1-Dichloroethene	3.11	96	329186	46.664	ug/l	84
13) Acrolein	3.02	56	124794	292.790	ug/l	96
14) Allyl chloride	3.60	41	541901	48.221	ug/l	92
15) Acrylonitrile	4.19	53	268211	233.595	ug/l	92
16) Acetone	3.21	43	428998	218.179	ug/l	95
17) Carbon Disulfide	3.36	76	1033147	43.756	ug/l	97
18) Methyl Acetate	3.62	43	188015	49.781	ug/l	97
19) Methyl tert-butyl Ether	4.22	73	788675	49.493	ug/l	99
20) Methylene Chloride	3.79	84	365833	46.029	ug/l	95
21) trans-1,2-Dichloroethene	4.20	96	383884	48.499	ug/l	92
22) Diisopropyl ether	5.10	45	1134065	50.510	ug/l	97
23) Vinyl Acetate	5.04	43	3462565	250.885	ug/l	99
24) 1,1-Dichloroethane	4.96	63	702220	48.965	ug/l	97
25) 2-Butanone	6.06	43	462994	234.628	ug/l	100
26) 2,2-Dichloropropane	6.01	77	679469	45.974	ug/l	94
27) cis-1,2-Dichloroethene	6.02	96	427116	50.330	ug/l	95
28) Bromochloromethane	6.42	49	297477	52.061	ug/l #	99
29) Tetrahydrofuran	6.44	42	215523	230.688	ug/l	98
30) Chloroform	6.65	83	935806	52.580	ug/l	98
31) Cyclohexane	6.93	56	410577	45.674	ug/l	92
32) 1,1,1-Trichloroethane	6.85	97	854370	49.629	ug/l	99
36) 1,1-Dichloropropene	7.13	75	597640	53.502	ug/l	97
37) Ethyl Acetate	6.17	43	239860	47.796	ug/l	96
38) Carbon Tetrachloride	7.09	117	957796	56.955	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063329.D
 Acq On : 2 Aug 2019 20:56
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 02 23:08:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	453554	48.734	ug/l	92
40) Benzene	7.43	78	1244411	53.155	ug/l	97
41) Methacrylonitrile	6.44	41	296057	49.318	ug/l #	93
42) 1,2-Dichloroethane	7.56	62	659965	53.192	ug/l	99
43) Isopropyl Acetate	9.23	43	315793	49.262	ug/l #	98
44) Trichloroethene	8.53	130	457353	48.211	ug/l	99
45) 1,2-Dichloropropane	8.92	63	303191	50.952	ug/l	98
46) Dibromomethane	9.05	93	261589	52.871	ug/l	88
47) Bromodichloromethane	9.36	83	688903	54.622	ug/l	97
48) Methyl methacrylate	9.11	41	215128	51.744	ug/l	97
49) 1,4-Dioxane	9.07	88	41491	1178.809	ug/l #	83
51) 4-Methyl-2-Pentanone	10.29	43	1125436	258.148	ug/l	99
52) Toluene	10.50	92	809961	52.018	ug/l	92
53) t-1,3-Dichloropropene	10.90	75	577180	53.081	ug/l	90
54) cis-1,3-Dichloropropene	10.02	75	618054	54.084	ug/l	93
55) 1,1,2-Trichloroethane	11.18	97	297527	56.578	ug/l	96
56) Ethyl methacrylate	11.03	69	297914	51.735	ug/l	98
57) 1,3-Dichloropropane	11.40	76	443343	53.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	813492	271.493	ug/l	95
59) 2-Hexanone	11.52	43	865764	275.568	ug/l	99
60) Dibromochloromethane	11.68	129	555367	55.942	ug/l	93
61) 1,2-Dibromoethane	11.80	107	353535	54.482	ug/l	99
64) Tetrachloroethene	11.24	164	426893	51.994	ug/l	98
65) Chlorobenzene	12.39	112	1008719	50.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	498260	57.062	ug/l	98
67) Ethyl Benzene	12.51	91	1882086	55.889	ug/l	99
68) m/p-Xylenes	12.66	106	1222087	98.956	ug/l	88
69) o-Xylene	13.05	106	600189	52.923	ug/l	97
70) Styrene	13.07	104	1077937	53.596	ug/l	100
71) Bromoform	13.22	173	352867	55.569	ug/l	98
73) Isopropylbenzene	13.40	105	1836428	48.757	ug/l	96
74) N-amyl acetate	13.26	43	507150	50.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	333565	52.137	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	356805	49.501	ug/l	99
77) Bromobenzene	13.67	156	516935	48.179	ug/l	85
78) n-propylbenzene	13.76	91	2141248	47.772	ug/l	99
79) 2-Chlorotoluene	13.83	91	1323581	50.963	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	1537450	47.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	93886	46.907	ug/l	95
82) 4-Chlorotoluene	13.94	91	1515769	49.592	ug/l	96
83) tert-Butylbenzene	14.19	119	1695153	45.701	ug/l	90
84) 1,2,4-Trimethylbenzene	14.23	105	1581886	47.078	ug/l	97
85) sec-Butylbenzene	14.36	105	1907453	48.809	ug/l	98
86) p-Isopropyltoluene	14.48	119	1808916	48.497	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	904013	47.577	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	932165	48.514	ug/l	97
89) n-Butylbenzene	14.79	91	1542190	47.871	ug/l	97
90) Hexachloroethane	15.00	117	466309	47.984	ug/l	75
91) 1,2-Dichlorobenzene	14.80	146	810877	48.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	58230	44.682	ug/l	80

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
Data File : VD063329.D
Acq On : 2 Aug 2019 20:56
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 02 23:08:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	610817	46.508	ug/l	98
94) Hexachlorobutadiene	16.03	225	438399	46.062	ug/l	99
95) Naphthalene	16.12	128	881256	47.474	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	476154	45.893	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

