

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061252.D
 Acq On : 22 Mar 2019 10:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 23:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	677030	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	1182307	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.41	117	916061	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	14.54	152	413743	50.00	ug/l	0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.51	65	264291	46.90	ug/l	0.07
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	6.98	113	427445	48.72	ug/l	0.06
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.46	98	1062190	48.21	ug/l	0.06
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	13.59	95	391704	45.82	ug/l	0.04
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	282799	42.169	ug/l	100
3) Chloromethane	1.78	50	231971	41.522	ug/l	98
4) Vinyl Chloride	1.88	62	219440	42.509	ug/l	97
5) Bromomethane	2.19	94	43297	46.631	ug/l	92
6) Chloroethane	2.30	64	80902	52.358	ug/l	90
7) Trichlorofluoromethane	2.57	101	336369	45.358	ug/l	95
8) Diethyl Ether	2.92	74	131842	53.892	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.20	101	411952	49.687	ug/l	96
10) Methyl Iodide	3.36	142	572186	50.107	ug/l	100
11) Tert butyl alcohol	4.12	59	95944	267.427	ug/l	96
12) 1,1-Dichloroethene	3.18	96	335691	49.395	ug/l	90
13) Acrolein	3.08	56	117061	225.507	ug/l	93
14) Allyl chloride	3.67	41	475581	43.737	ug/l	94
15) Acrylonitrile	4.26	53	322894	254.649	ug/l	97
16) Acetone	3.26	43	463962	287.903	ug/l	99
17) Carbon Disulfide	3.43	76	973618	42.470	ug/l	100
18) Methyl Acetate	3.69	43	184610	58.210	ug/l #	90
19) Methyl tert-butyl Ether	4.30	73	619224	51.991	ug/l	96
20) Methylene Chloride	3.87	84	354273	48.031	ug/l	92
21) trans-1,2-Dichloroethene	4.29	96	347594	47.255	ug/l	94
22) Diisopropyl ether	5.19	45	1034287	45.821	ug/l	99
23) Vinyl Acetate	5.12	43	2785640	240.401	ug/l	97
24) 1,1-Dichloroethane	5.05	63	574706	46.469	ug/l	97
25) 2-Butanone	6.13	43	485429	265.460	ug/l	98
26) 2,2-Dichloropropane	6.09	77	520454	53.907	ug/l	99
27) cis-1,2-Dichloroethene	6.11	96	406029	52.026	ug/l	95
28) Bromochloromethane	6.50	49	250288	47.804	ug/l	93
29) Tetrahydrofuran	6.52	42	243122	244.849	ug/l	95
30) Chloroform	6.73	83	642938	50.160	ug/l	100
31) Cyclohexane	7.02	56	465634	46.693	ug/l	95
32) 1,1,1-Trichloroethane	6.93	97	557303	50.291	ug/l	98
36) 1,1-Dichloropropene	7.21	75	484194	47.510	ug/l	99
37) Ethyl Acetate	6.24	43	214977	44.952	ug/l	99
38) Carbon Tetrachloride	7.18	117	597536	53.228	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061252.D
 Acq On : 22 Mar 2019 10:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 23:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.92	83	460692	43.595	ug/l	96
40) Benzene	7.51	78	1099638	43.181	ug/l	99
41) Methacrylonitrile	6.50	41	257722	46.851	ug/l #	91
42) 1,2-Dichloroethane	7.63	62	360309	48.756	ug/l	100
43) Isopropyl Acetate	9.29	43	319829	48.285	ug/l #	98
44) Trichloroethene	8.60	130	442061	50.317	ug/l	96
45) 1,2-Dichloropropane	8.99	63	295939	44.234	ug/l	98
46) Dibromomethane	9.12	93	202245	47.656	ug/l	98
47) Bromodichloromethane	9.43	83	481770	50.307	ug/l	98
48) Methyl methacrylate	9.17	41	178474	47.855	ug/l	95
49) 1,4-Dioxane	9.13	88	39625	1050.739	ug/l	94
51) 4-Methyl-2-Pentanone	10.35	43	943399	232.482	ug/l	97
52) Toluene	10.56	92	712684	45.006	ug/l	98
53) t-1,3-Dichloropropene	10.96	75	426812	48.740	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	540659	51.386	ug/l	96
55) 1,1,2-Trichloroethane	11.24	97	262797	49.833	ug/l	98
56) Ethyl methacrylate	11.09	69	279152	50.572	ug/l	98
57) 1,3-Dichloropropane	11.45	76	375069	47.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.91	63	631890	216.268	ug/l	99
59) 2-Hexanone	11.57	43	743852	250.594	ug/l	98
60) Dibromochloromethane	11.73	129	379734	48.928	ug/l	97
61) 1,2-Dibromoethane	11.85	107	298064	48.587	ug/l	95
64) Tetrachloroethene	11.30	164	312368	50.514	ug/l	97
65) Chlorobenzene	12.44	112	899631	50.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.54	131	349579	54.610	ug/l	99
67) Ethyl Benzene	12.55	91	1355661	50.705	ug/l	99
68) m/p-Xylenes	12.70	106	988567	94.206	ug/l	98
69) o-Xylene	13.08	106	513589	49.791	ug/l	94
70) Styrene	13.11	104	812375	48.231	ug/l	100
71) Bromoform	13.26	173	223825	54.200	ug/l	99
73) Isopropylbenzene	13.43	105	1328229	44.545	ug/l	100
74) N-amyl acetate	13.29	43	382154	45.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.73	83	278726	47.911	ug/l	98
76) 1,2,3-Trichloropropane	13.76	75	288802	48.518	ug/l	99
77) Bromobenzene	13.70	156	384553	50.522	ug/l	89
78) n-propylbenzene	13.80	91	1609353	46.104	ug/l	96
79) 2-Chlorotoluene	13.87	91	839107	43.663	ug/l	95
80) 1,3,5-Trimethylbenzene	14.27	105	1040076	45.947	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.50	75	88810	50.607	ug/l	96
82) 4-Chlorotoluene	13.97	91	1054014	46.393	ug/l	97
83) tert-Butylbenzene	14.22	119	1237253	49.944	ug/l	96
84) 1,2,4-Trimethylbenzene	14.27	105	1040076	45.947	ug/l	98
85) sec-Butylbenzene	14.40	105	1347526	44.557	ug/l	99
86) p-Isopropyltoluene	14.51	119	1280840	51.813	ug/l	100
87) 1,3-Dichlorobenzene	14.48	146	698410	51.386	ug/l	99
88) 1,4-Dichlorobenzene	14.56	146	665578	49.833	ug/l	100
89) n-Butylbenzene	14.82	91	1079024	45.452	ug/l	99
90) Hexachloroethane	15.04	117	365492	52.360	ug/l	91
91) 1,2-Dichlorobenzene	14.84	146	568825	50.202	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.41	75	36939	52.691	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
Data File : VD061252.D
Acq On : 22 Mar 2019 10:49
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Mar 22 23:24:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.97	180	267295	50.852	ug/l	99
94) Hexachlorobutadiene	16.06	225	205061	51.577	ug/l	99
95) Naphthalene	16.15	128	412365	51.626	ug/l	100
96) 1,2,3-Trichlorobenzene	16.30	180	118176	45.520	ug/l	98

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

