

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065558.D
 Acq On : 31 Mar 2020 11:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 06:48:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	553620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	760363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	704107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	355770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	210980	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	7.92	113	227899	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.34	98	879122	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.64	95	277758	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	145605	47.587	ug/l	99
3) Chloromethane	2.21	50	215369	49.239	ug/l	97
4) Vinyl Chloride	2.36	62	226014	44.177	ug/l	100
5) Bromomethane	2.77	94	148668	45.763	ug/l	97
6) Chloroethane	2.93	64	147454	44.602	ug/l	98
7) Trichlorofluoromethane	3.27	101	349585	45.801	ug/l	100
8) Diethyl Ether	3.71	74	107555	44.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	235921	46.866	ug/l	100
10) Methyl Iodide	4.30	142	248838	42.721	ug/l	100
11) Tert butyl alcohol	5.24	59	65725	253.614	ug/l	96
12) 1,1-Dichloroethene	4.06	96	221180	46.245	ug/l	93
13) Acrolein	3.92	56	114168	260.924	ug/l	100
14) Allyl chloride	4.71	41	327969	45.067	ug/l	99
15) Acrylonitrile	5.43	53	231137	231.769	ug/l	99
16) Acetone	4.16	43	209493	240.919	ug/l	97
17) Carbon Disulfide	4.40	76	716695	45.453	ug/l	100
18) Methyl Acetate	4.72	43	101877	45.056	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	450707	47.250	ug/l	98
20) Methylene Chloride	4.97	84	247504	45.478	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	258616	46.998	ug/l	98
22) Diisopropyl ether	6.37	45	688931	48.819	ug/l	97
23) Vinyl Acetate	6.31	43	1919746	249.750	ug/l	99
24) 1,1-Dichloroethane	6.27	63	422021	47.160	ug/l	98
25) 2-Butanone	7.22	43	279509	236.686	ug/l	98
26) 2,2-Dichloropropane	7.21	77	380420	48.006	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	271861	47.678	ug/l	99
28) Bromochloromethane	7.55	49	183973	49.445	ug/l	100
29) Tetrahydrofuran	7.57	42	182192	238.042	ug/l	99
30) Chloroform	7.71	83	441275	47.604	ug/l	98
31) Cyclohexane	7.99	56	396450	45.764	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	396618	47.360	ug/l	100
36) 1,1-Dichloropropene	8.12	75	352004	50.669	ug/l	99
37) Ethyl Acetate	7.30	43	127593	47.981	ug/l	97
38) Carbon Tetrachloride	8.10	117	369527	50.502	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065558.D
 Acq On : 31 Mar 2020 11:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 06:48:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	418587	51.106	ug/l	99
40) Benzene	8.36	78	1006379	50.766	ug/l	99
41) Methacrylonitrile	7.53	41	61420m	40.012	ug/l	
42) 1,2-Dichloroethane	8.43	62	266646	50.549	ug/l	100
43) Isopropyl Acetate	8.46	43	230798	47.794	ug/l	96
44) Trichloroethene	9.11	130	282364	49.090	ug/l	99
45) 1,2-Dichloropropane	9.39	63	240623	49.969	ug/l	94
46) Dibromomethane	9.48	93	126956	50.243	ug/l	99
47) Bromodichloromethane	9.67	83	335806	50.165	ug/l	100
48) Methyl methacrylate	9.46	41	113243	49.319	ug/l	97
49) 1,4-Dioxane	9.47	88	28623	1041.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	639776	262.531	ug/l	100
52) Toluene	10.41	92	642752	51.198	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	308788	50.436	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	378646	50.549	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	178336	49.474	ug/l	97
56) Ethyl methacrylate	10.67	69	203976	46.578	ug/l	98
57) 1,3-Dichloropropane	10.95	76	305099	50.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	531811	259.988	ug/l	99
59) 2-Hexanone	10.99	43	435764	262.260	ug/l	99
60) Dibromochloromethane	11.14	129	240401	50.326	ug/l	99
61) 1,2-Dibromoethane	11.25	107	171970	49.293	ug/l	100
64) Tetrachloroethene	10.88	164	243028	48.184	ug/l	96
65) Chlorobenzene	11.67	112	680229	49.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	261176	50.879	ug/l	97
67) Ethyl Benzene	11.75	91	1190520	51.349	ug/l	99
68) m/p-Xylenes	11.86	106	946501	103.972	ug/l	99
69) o-Xylene	12.18	106	417572	52.376	ug/l	100
70) Styrene	12.20	104	749885	53.253	ug/l	99
71) Bromoform	12.37	173	144121	50.901	ug/l #	99
73) Isopropylbenzene	12.48	105	1132916	51.861	ug/l	99
74) N-amyl acetate	12.30	43	209450	48.583	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	187678	49.461	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	121091m	44.272	ug/l	
77) Bromobenzene	12.77	156	284971	49.919	ug/l	99
78) n-propylbenzene	12.83	91	1340693	51.487	ug/l	100
79) 2-Chlorotoluene	12.91	91	753641	50.732	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	940629	51.949	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	62457	50.971	ug/l	99
82) 4-Chlorotoluene	13.01	91	793786	50.280	ug/l	100
83) tert-Butylbenzene	13.23	119	786405	51.857	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	943256	52.108	ug/l	100
85) sec-Butylbenzene	13.41	105	1108418	51.076	ug/l	99
86) p-Isopropyltoluene	13.53	119	1043406	52.175	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	544698	49.565	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	530230	48.287	ug/l	99
89) n-Butylbenzene	13.86	91	923358	50.843	ug/l	99
90) Hexachloroethane	14.12	117	204337	48.725	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	464207	49.760	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27147	47.490	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
Data File : VD065558.D
Acq On : 31 Mar 2020 11:14
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Apr 01 06:48:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	304512	47.200	ug/l	99
94) Hexachlorobutadiene	15.28	225	201522	47.934	ug/l	100
95) Naphthalene	15.41	128	475455	43.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	266363	48.072	ug/l	99

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

