

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065481.D
 Acq On : 11 Mar 2020 16:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/13/2020 9:49:39 AM

Quant Time: Mar 11 17:18:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	477161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	628534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	201772	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.91	113	214145	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	832722	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	261602	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	169406	41.310	ug/l	100
3) Chloromethane	2.21	50	214104	43.244	ug/l	98
4) Vinyl Chloride	2.35	62	216396	44.312	ug/l	97
5) Bromomethane	2.77	94	130810	47.572	ug/l	97
6) Chloroethane	2.93	64	138259	46.227	ug/l	95
7) Trichlorofluoromethane	3.27	101	327439	45.505	ug/l	99
8) Diethyl Ether	3.70	74	98978	46.254	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	213222	46.009	ug/l	99
10) Methyl Iodide	4.29	142	235608	48.936	ug/l	99
11) Tert butyl alcohol	5.23	59	53159m	226.423	ug/l	
12) 1,1-Dichloroethene	4.06	96	202928	45.729	ug/l	96
13) Acrolein	3.93	56	110552	273.034	ug/l	100
14) Allyl chloride	4.71	41	318409	46.708	ug/l	99
15) Acrylonitrile	5.42	53	220815	237.198	ug/l	98
16) Acetone	4.16	43	179842	217.256	ug/l	94
17) Carbon Disulfide	4.40	76	647197	43.794	ug/l	99
18) Methyl Acetate	4.72	43	95835	45.640	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	420531	49.278	ug/l	100
20) Methylene Chloride	4.96	84	231997	51.728	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	233497	47.300	ug/l	98
22) Diisopropyl ether	6.36	45	639569	50.469	ug/l	98
23) Vinyl Acetate	6.30	43	1785004	253.682	ug/l	99
24) 1,1-Dichloroethane	6.26	63	392796	48.324	ug/l	97
25) 2-Butanone	7.22	43	259988	230.151	ug/l	99
26) 2,2-Dichloropropane	7.21	77	339510	47.797	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249734	49.493	ug/l	98
28) Bromochloromethane	7.54	49	166116	51.081	ug/l	99
29) Tetrahydrofuran	7.57	42	174704	242.173	ug/l	99
30) Chloroform	7.71	83	393181	48.395	ug/l	97
31) Cyclohexane	7.98	56	357825	44.025	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	357939	47.675	ug/l	99
36) 1,1-Dichloropropene	8.11	75	316706	48.439	ug/l	100
37) Ethyl Acetate	7.30	43	123430	48.842	ug/l	99
38) Carbon Tetrachloride	8.10	117	327180	48.257	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065481.D
 Acq On : 11 Mar 2020 16:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/13/2020 9:49:39 AM

Quant Time: Mar 11 17:18:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	369812	46.831	ug/l	93
40) Benzene	8.35	78	916006	50.108	ug/l	100
41) Methacrylonitrile	7.53	41	67913	50.815	ug/l #	80
42) 1,2-Dichloroethane	8.43	62	236849	49.617	ug/l	100
43) Isopropyl Acetate	8.46	43	224981	48.215	ug/l	100
44) Trichloroethene	9.11	130	252928	48.993	ug/l	97
45) 1,2-Dichloropropane	9.39	63	222814	50.317	ug/l	97
46) Dibromomethane	9.48	93	114005	49.634	ug/l	96
47) Bromodichloromethane	9.66	83	297783	49.833	ug/l	97
48) Methyl methacrylate	9.46	41	105961	48.275	ug/l	98
49) 1,4-Dioxane	9.47	88	26458	1007.026	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	598126	254.725	ug/l	100
52) Toluene	10.40	92	585442	50.836	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	281126	50.343	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	341165	50.473	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	160171	49.235	ug/l	98
56) Ethyl methacrylate	10.66	69	190775	52.018	ug/l	98
57) 1,3-Dichloropropane	10.95	76	277058	50.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	275452	240.392	ug/l	99
59) 2-Hexanone	10.99	43	404081	248.593	ug/l	100
60) Dibromochloromethane	11.14	129	211559	50.732	ug/l	100
61) 1,2-Dibromoethane	11.25	107	153219	49.377	ug/l	100
64) Tetrachloroethene	10.88	164	214059	47.528	ug/l	99
65) Chlorobenzene	11.67	112	596984	47.997	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	226513	50.003	ug/l	97
67) Ethyl Benzene	11.75	91	1077032	50.115	ug/l	100
68) m/p-Xylenes	11.85	106	839166	101.265	ug/l	99
69) o-Xylene	12.18	106	373052	51.177	ug/l	100
70) Styrene	12.20	104	661702	51.579	ug/l	100
71) Bromoform	12.37	173	124876	49.077	ug/l #	99
73) Isopropylbenzene	12.48	105	1013958	50.634	ug/l	100
74) N-amyl acetate	12.30	43	201556	49.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	168298	47.813	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	113088m	47.074	ug/l	
77) Bromobenzene	12.77	156	248807	50.009	ug/l	99
78) n-propylbenzene	12.83	91	1196915	50.376	ug/l	100
79) 2-Chlorotoluene	12.91	91	674125	50.343	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	823256	50.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	54827	48.162	ug/l	97
82) 4-Chlorotoluene	13.01	91	699568	49.716	ug/l	99
83) tert-Butylbenzene	13.23	119	699195	50.202	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	817444	50.373	ug/l	99
85) sec-Butylbenzene	13.41	105	970612	48.822	ug/l	100
86) p-Isopropyltoluene	13.53	119	899690	49.594	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	463130	48.418	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	454663	47.784	ug/l	99
89) n-Butylbenzene	13.85	91	814284	48.552	ug/l	99
90) Hexachloroethane	14.12	117	174464	46.699	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	401400	49.312	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24345	45.413	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031120\
Data File : VD065481.D
Acq On : 11 Mar 2020 16:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/13/2020 9:49:39 AM

Quant Time: Mar 11 17:18:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	261579	47.413	ug/l	100
94) Hexachlorobutadiene	15.28	225	167112	46.099	ug/l	99
95) Naphthalene	15.41	128	435831	44.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	226977	47.610	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031120\
Data File : VD065481.D
Acq On : 11 Mar 2020 16:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/13/2020 9:49:39 AM

Quant Time: Mar 11 17:18:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

