

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065384.D
 Acq On : 03 Mar 2020 10:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:01:19 PM

Quant Time: Mar 04 04:58:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	664414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	197704	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.92	113	210541	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.34	98	813802	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.64	95	259655	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	186722	47.666	ug/l	100
3) Chloromethane	2.21	50	216644	43.450	ug/l	98
4) Vinyl Chloride	2.35	62	225653	44.506	ug/l	98
5) Bromomethane	2.77	94	133390	43.513	ug/l	100
6) Chloroethane	2.93	64	138885	44.877	ug/l	99
7) Trichlorofluoromethane	3.27	101	349132	48.098	ug/l	99
8) Diethyl Ether	3.71	74	104002	47.466	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	226425	49.395	ug/l	99
10) Methyl Iodide	4.30	142	239858	50.396	ug/l	99
11) Tert butyl alcohol	5.24	59	55238	220.009	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	206734	47.742	ug/l	97
13) Acrolein	3.93	56	71722	230.984	ug/l	97
14) Allyl chloride	4.71	41	324310	46.120	ug/l	97
15) Acrylonitrile	5.43	53	231887	239.040	ug/l	99
16) Acetone	4.16	43	260745	253.871	ug/l	96
17) Carbon Disulfide	4.40	76	640167	44.096	ug/l	99
18) Methyl Acetate	4.72	43	106949	46.299	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	437803	48.483	ug/l	99
20) Methylene Chloride	4.96	84	226114	49.397	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	239289	48.609	ug/l	95
22) Diisopropyl ether	6.37	45	654459	48.278	ug/l	98
23) Vinyl Acetate	6.31	43	1834542	245.479	ug/l	99
24) 1,1-Dichloroethane	6.27	63	399369	47.497	ug/l	98
25) 2-Butanone	7.22	43	315632	242.891	ug/l	98
26) 2,2-Dichloropropane	7.21	77	351329	48.158	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249698	47.887	ug/l	98
28) Bromochloromethane	7.55	49	137414	44.051	ug/l	98
29) Tetrahydrofuran	7.57	42	184008	241.672	ug/l	98
30) Chloroform	7.71	83	404534	47.755	ug/l	100
31) Cyclohexane	7.98	56	375986	45.511	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	364506	48.093	ug/l	99
36) 1,1-Dichloropropene	8.11	75	328170	50.763	ug/l	99
37) Ethyl Acetate	7.30	43	131876	48.796	ug/l	97
38) Carbon Tetrachloride	8.10	117	338215	51.392	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065384.D
 Acq On : 03 Mar 2020 10:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:01:19 PM

Quant Time: Mar 04 04:58:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	396216	52.132	ug/l	98
40) Benzene	8.36	78	926942	50.798	ug/l	100
41) Methacrylonitrile	7.53	41	74907	48.003	ug/l	99
42) 1,2-Dichloroethane	8.43	62	243485	48.537	ug/l	99
43) Isopropyl Acetate	8.46	43	236597	48.142	ug/l	98
44) Trichloroethene	9.11	130	256755	50.761	ug/l	95
45) 1,2-Dichloropropane	9.39	63	227945	50.237	ug/l	99
46) Dibromomethane	9.48	93	117636	50.389	ug/l	97
47) Bromodichloromethane	9.67	83	308777	50.188	ug/l	99
48) Methyl methacrylate	9.46	41	112174	49.380	ug/l	94
49) 1,4-Dioxane	9.47	88	27743	1013.219	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	640659	256.657	ug/l	99
52) Toluene	10.41	92	596129	52.779	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	292141	51.228	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	356289	51.739	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	168173	51.180	ug/l	99
56) Ethyl methacrylate	10.67	69	200366	52.830	ug/l	96
57) 1,3-Dichloropropane	10.95	76	290538	51.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	289987	242.520	ug/l	98
59) 2-Hexanone	10.99	43	488306	273.277	ug/l	96
60) Dibromochloromethane	11.14	129	214480	50.997	ug/l	99
61) 1,2-Dibromoethane	11.25	107	160761	51.672	ug/l	100
64) Tetrachloroethene	10.88	164	222567	52.560	ug/l	96
65) Chlorobenzene	11.68	112	621366	51.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	232053	51.900	ug/l	100
67) Ethyl Benzene	11.75	91	1111961	52.991	ug/l	100
68) m/p-Xylenes	11.86	106	854936	106.490	ug/l	100
69) o-Xylene	12.18	106	379050	53.292	ug/l	99
70) Styrene	12.20	104	681684	53.981	ug/l	100
71) Bromoform	12.37	173	133629	53.860	ug/l #	98
73) Isopropylbenzene	12.48	105	1062197	52.769	ug/l	99
74) N-amyl acetate	12.30	43	219457	49.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	179948	49.533	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	122011m	47.165	ug/l	
77) Bromobenzene	12.77	156	256948	51.406	ug/l	97
78) n-propylbenzene	12.83	91	1261168	52.137	ug/l	99
79) 2-Chlorotoluene	12.91	91	684319	50.499	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	865340	52.195	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	58538	48.859	ug/l	95
82) 4-Chlorotoluene	13.01	91	728470	50.636	ug/l	100
83) tert-Butylbenzene	13.23	119	729839	52.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	864499	52.096	ug/l	99
85) sec-Butylbenzene	13.41	105	1047551	52.319	ug/l	99
86) p-Isopropyltoluene	13.53	119	967898	52.861	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	489102	50.616	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	474271	49.730	ug/l	99
89) n-Butylbenzene	13.86	91	887405	52.594	ug/l	100
90) Hexachloroethane	14.12	117	188880	50.803	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	416590	50.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27689	49.459	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
Data File : VD065384.D
Acq On : 03 Mar 2020 10:08
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:01:19 PM

Quant Time: Mar 04 04:58:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	283905	52.311	ug/l	99
94) Hexachlorobutadiene	15.28	225	182717	52.483	ug/l	99
95) Naphthalene	15.41	128	472073	53.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	240327	50.702	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030320\
Data File : VD065384.D
Acq On : 03 Mar 2020 10:08
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:01:19 PM

Quant Time: Mar 04 04:58:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

