

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067594.D
 Acq On : 11 Nov 2020 11:30
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

MMDadoda

11/12/2020 1:11:40 PM

Quant Time: Nov 12 00:27:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	437142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	122968	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.92	113	126247	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	440674	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.64	95	156421	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58357	21.333	ug/l	94
3) Chloromethane	2.21	50	36467	19.447	ug/l	92
4) Vinyl Chloride	2.35	62	38817	18.567	ug/l	97
5) Bromomethane	2.76	94	33130	19.551	ug/l	85
6) Chloroethane	2.92	64	25863	20.065	ug/l	93
7) Trichlorofluoromethane	3.27	101	114747	21.197	ug/l	92
8) Diethyl Ether	3.71	74	21474	19.687	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58903	21.557	ug/l	98
10) Methyl Iodide	4.30	142	57765	19.724	ug/l	99
11) Tert butyl alcohol	5.20	59	19882	168.646	ug/l	97
12) 1,1-Dichloroethene	4.07	96	54190	21.560	ug/l	93
13) Acrolein	3.92	56	5242	68.119	ug/l	99
14) Allyl chloride	4.71	41	52394	19.478	ug/l	98
15) Acrylonitrile	5.42	53	40668	100.861	ug/l	94
16) Acetone	4.15	43	35809	90.880	ug/l	97
17) Carbon Disulfide	4.41	76	148634	19.299	ug/l	98
18) Methyl Acetate	4.71	43	16095	19.767	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	103257	20.828	ug/l	95
20) Methylene Chloride	4.96	84	60665	21.796	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	60890	20.800	ug/l	87
22) Diisopropyl ether	6.37	45	107852	20.575	ug/l	97
23) Vinyl Acetate	6.31	43	278583	101.527	ug/l	97
24) 1,1-Dichloroethane	6.27	63	88734	20.691	ug/l	97
25) 2-Butanone	7.21	43	42617	101.222	ug/l	96
26) 2,2-Dichloropropane	7.21	77	97823	21.614	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62271	20.494	ug/l	98
28) Bromochloromethane	7.55	49	28003	18.358	ug/l	96
29) Tetrahydrofuran	7.57	42	25502	101.120	ug/l	96
30) Chloroform	7.71	83	108267	21.162	ug/l	96
31) Cyclohexane	7.99	56	76684	20.080	ug/l #	91
32) 1,1,1-Trichloroethane	7.91	97	111723	21.165	ug/l	99
36) 1,1-Dichloropropene	8.11	75	79896	21.352	ug/l	98
37) Ethyl Acetate	7.29	43	20521	21.124	ug/l #	90
38) Carbon Tetrachloride	8.10	117	110058	22.638	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067594.D
 Acq On : 11 Nov 2020 11:30
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1111SBS01

Manual Integrations
 APPROVED

MMDadoda

11/12/2020 1:11:40 PM

Quant Time: Nov 12 00:27:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	88530	20.102	ug/l	93
40) Benzene	8.36	78	215915	21.302	ug/l	100
41) Methacrylonitrile	7.51	41	11291	19.444	ug/l	89
42) 1,2-Dichloroethane	8.43	62	68242	21.791	ug/l	99
43) Isopropyl Acetate	8.45	43	39964	20.801	ug/l	96
44) Trichloroethene	9.11	130	70469	21.145	ug/l	98
45) 1,2-Dichloropropane	9.39	63	45323	20.682	ug/l	95
46) Dibromomethane	9.48	93	30096	21.599	ug/l	96
47) Bromodichloromethane	9.67	83	81828	21.606	ug/l	100
48) Methyl methacrylate	9.46	41	18989	19.143	ug/l	88
49) 1,4-Dioxane	9.47	88	6705	474.014	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	97051	105.623	ug/l	98
52) Toluene	10.41	92	147803	21.771	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	68671	21.171	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	81208	21.073	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	40450	21.941	ug/l	95
56) Ethyl methacrylate	10.67	69	40177	21.103	ug/l	96
57) 1,3-Dichloropropane	10.95	76	64422	21.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	90759	102.228	ug/l	98
59) 2-Hexanone	10.99	43	66698	103.818	ug/l	99
60) Dibromochloromethane	11.14	129	60446	22.164	ug/l	99
61) 1,2-Dibromoethane	11.25	107	39607	21.406	ug/l	100
64) Tetrachloroethene	10.88	164	62659	21.706	ug/l	87
65) Chlorobenzene	11.67	112	164436	21.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	68177	23.039	ug/l	97
67) Ethyl Benzene	11.75	91	282794	22.011	ug/l	99
68) m/p-Xylenes	11.86	106	219243	43.863	ug/l	97
69) o-Xylene	12.18	106	100818	22.591	ug/l	97
70) Styrene	12.20	104	173963	22.371	ug/l	99
71) Bromoform	12.36	173	35380	23.443	ug/l #	99
73) Isopropylbenzene	12.48	105	286457	21.492	ug/l	99
74) N-amyl acetate	12.30	43	35592	20.294	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	38245	21.042	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	24973m	20.073	ug/l	
77) Bromobenzene	12.77	156	72410	22.121	ug/l	96
78) n-propylbenzene	12.83	91	337736	22.153	ug/l	100
79) 2-Chlorotoluene	12.91	91	190169	21.959	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	252180	22.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	13133	21.431	ug/l	94
82) 4-Chlorotoluene	13.01	91	206666	22.250	ug/l	99
83) tert-Butylbenzene	13.23	119	217203	22.509	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	250687	22.119	ug/l	97
85) sec-Butylbenzene	13.41	105	286228	21.972	ug/l	99
86) p-Isopropyltoluene	13.52	119	274945	21.857	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	140663	22.520	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	134740	21.304	ug/l	97
89) n-Butylbenzene	13.85	91	234020	21.537	ug/l	99
90) Hexachloroethane	14.11	117	51563	21.766	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	119258	22.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7165	22.265	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067594.D
Acq On : 11 Nov 2020 11:30
Operator : VA/SY
Sample : VD1111SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Manual Integrations
APPROVED

MMDadoda

11/12/2020 1:11:40 PM

Quant Time: Nov 12 00:27:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	78639	21.433	ug/l	96
94) Hexachlorobutadiene	15.27	225	53860	21.934	ug/l	97
95) Naphthalene	15.40	128	119891	21.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	66867	21.283	ug/l	95

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

