

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067891.D
 Acq On : 07 Dec 2020 11:15
 Operator : VA/SY
 Sample : VD1207SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:41 PM

Quant Time: Dec 08 03:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	197302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	280234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	260777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	100379	47.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.78%
35) Dibromofluoromethane	7.91	113	89587	47.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.56%
50) Toluene-d8	10.34	98	329835	48.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.72%
62) 4-Bromofluorobenzene	12.64	95	117822	50.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	33849	19.713	ug/l	97
3) Chloromethane	2.21	50	18878	19.050	ug/l	96
4) Vinyl Chloride	2.35	62	22848	18.307	ug/l #	85
5) Bromomethane	2.77	94	25980	23.319	ug/l	92
6) Chloroethane	2.93	64	16165	19.894	ug/l #	82
7) Trichlorofluoromethane	3.27	101	77017	20.167	ug/l	95
8) Diethyl Ether	3.70	74	13624	18.303	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	34669	19.908	ug/l	98
10) Methyl Iodide	4.31	142	30294	16.412	ug/l	98
11) Tert butyl alcohol	5.22	59	10303	48.310	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	32369	19.798	ug/l	96
13) Acrolein	3.91	56	6057	74.414	ug/l	96
14) Allyl chloride	4.73	41	27784	18.370	ug/l	90
15) Acrylonitrile	5.43	53	24137m	93.519	ug/l	
16) Acetone	4.16	43	21620	82.603	ug/l	96
17) Carbon Disulfide	4.41	76	86214	18.887	ug/l	96
18) Methyl Acetate	4.71	43	9280	18.433	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	68042	19.436	ug/l	98
20) Methylene Chloride	4.97	84	37581	19.675	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	37039	19.909	ug/l	98
22) Diisopropyl ether	6.36	45	58419	19.204	ug/l	89
23) Vinyl Acetate	6.31	43	158378	93.586	ug/l	100
24) 1,1-Dichloroethane	6.26	63	53163	19.936	ug/l	100
25) 2-Butanone	7.21	43	23436	85.131	ug/l	93
26) 2,2-Dichloropropane	7.21	77	65411	20.570	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	40573	19.939	ug/l	96
28) Bromochloromethane	7.56	49	15945	18.833	ug/l	97
29) Tetrahydrofuran	7.57	42	13712	87.478	ug/l	91
30) Chloroform	7.71	83	72283	20.283	ug/l	93
31) Cyclohexane	7.99	56	41035	18.388	ug/l #	93
32) 1,1,1-Trichloroethane	7.90	97	80719	21.457	ug/l	97
36) 1,1-Dichloropropene	8.11	75	49403	20.364	ug/l	99
37) Ethyl Acetate	7.30	43	11299	17.281	ug/l	97
38) Carbon Tetrachloride	8.10	117	75614	20.600	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067891.D
 Acq On : 07 Dec 2020 11:15
 Operator : VA/SY
 Sample : VD1207SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1207SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:41 PM

Quant Time: Dec 08 03:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	56797	19.756	ug/l	95
40) Benzene	8.35	78	135184	20.365	ug/l	99
41) Methacrylonitrile	7.53	41	7501	21.617	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	49404	20.882	ug/l	97
43) Isopropyl Acetate	8.46	43	23149	17.994	ug/l #	59
44) Trichloroethene	9.11	130	45309	19.852	ug/l	93
45) 1,2-Dichloropropane	9.39	63	26606	19.528	ug/l	96
46) Dibromomethane	9.48	93	18034	19.038	ug/l	98
47) Bromodichloromethane	9.67	83	54928	20.340	ug/l	90
48) Methyl methacrylate	9.46	41	12183	18.650	ug/l	90
49) 1,4-Dioxane	9.47	88	3417	315.687	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	51703	84.915	ug/l	99
52) Toluene	10.41	92	95985	20.682	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	46481	19.942	ug/l	89
54) cis-1,3-Dichloropropene	10.10	75	52615	20.752	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	25131	19.386	ug/l	98
56) Ethyl methacrylate	10.66	69	23227	17.610	ug/l	94
57) 1,3-Dichloropropane	10.95	76	39667	19.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	49092	81.796	ug/l	100
59) 2-Hexanone	10.98	43	36417	84.843	ug/l	97
60) Dibromochloromethane	11.14	129	40196	20.570	ug/l	95
61) 1,2-Dibromoethane	11.25	107	24291	19.054	ug/l	99
64) Tetrachloroethene	10.88	164	42633	20.043	ug/l	98
65) Chlorobenzene	11.67	112	111604	20.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	45746	20.844	ug/l	92
67) Ethyl Benzene	11.75	91	191565	20.899	ug/l	96
68) m/p-Xylenes	11.86	106	151912	42.030	ug/l	98
69) o-Xylene	12.18	106	70298	21.909	ug/l	98
70) Styrene	12.20	104	118829	21.298	ug/l	98
71) Bromoform	12.37	173	22946	19.752	ug/l #	99
73) Isopropylbenzene	12.48	105	196441	20.916	ug/l	100
74) N-amyl acetate	12.29	43	20208	17.394	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	21987	17.732	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	18862m	18.965	ug/l	
77) Bromobenzene	12.77	156	46502	19.916	ug/l	99
78) n-propylbenzene	12.83	91	217336	20.878	ug/l	99
79) 2-Chlorotoluene	12.91	91	123770	20.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	170847	21.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	7029	16.906	ug/l	96
82) 4-Chlorotoluene	13.01	91	130662	20.002	ug/l	99
83) tert-Butylbenzene	13.23	119	145295	20.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	173081	21.405	ug/l	98
85) sec-Butylbenzene	13.41	105	189246	20.491	ug/l	100
86) p-Isopropyltoluene	13.52	119	186728	20.629	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93324	20.720	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	91971	20.411	ug/l	98
89) n-Butylbenzene	13.85	91	151422	20.136	ug/l	98
90) Hexachloroethane	14.12	117	32584	19.498	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	78343	20.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5007	19.348	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067891.D
Acq On : 07 Dec 2020 11:15
Operator : VA/SY
Sample : VD1207SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Manual Integrations
APPROVED

MMDadoda
12/8/2020 5:05:41 PM

Quant Time: Dec 08 03:22:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55909	20.461	ug/l	99
94) Hexachlorobutadiene	15.27	225	37255	20.894	ug/l	97
95) Naphthalene	15.41	128	85346	19.194	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	47057	19.941	ug/l	98

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

