

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067557.D
 Acq On : 09 Nov 2020 11:18
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:11:48 PM

Quant Time: Nov 10 00:36:15 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	297448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	393272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	198000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	124185	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.91	113	127799	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.34	98	446187	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.64	95	159581	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	63859	24.173	ug/l	98
3) Chloromethane	2.21	50	37714	20.361	ug/l	99
4) Vinyl Chloride	2.35	62	41841	20.261	ug/l	94
5) Bromomethane	2.76	94	32579	19.464	ug/l	99
6) Chloroethane	2.92	64	25933	20.369	ug/l #	82
7) Trichlorofluoromethane	3.27	101	116430	21.774	ug/l	92
8) Diethyl Ether	3.70	74	22570	20.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	60863	22.550	ug/l	99
10) Methyl Iodide	4.30	142	52362	18.101	ug/l	96
11) Tert butyl alcohol	5.20	59	16383m	137.044	ug/l	
12) 1,1-Dichloroethene	4.07	96	52800	21.268	ug/l	98
13) Acrolein	3.91	56	5112m	67.613	ug/l	
14) Allyl chloride	4.72	41	51626	19.430	ug/l	92
15) Acrylonitrile	5.41	53	40732	102.270	ug/l	98
16) Acetone	4.16	43	37677	96.805	ug/l	97
17) Carbon Disulfide	4.40	76	154987	20.373	ug/l	99
18) Methyl Acetate	4.72	43	17503	21.763	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	106937	21.837	ug/l #	87
20) Methylene Chloride	4.97	84	64091	23.312	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	59881	20.708	ug/l	93
22) Diisopropyl ether	6.36	45	108089	20.875	ug/l	96
23) Vinyl Acetate	6.31	43	279748	103.214	ug/l	98
24) 1,1-Dichloroethane	6.26	63	87462	20.647	ug/l	98
25) 2-Butanone	7.21	43	42851	103.038	ug/l	100
26) 2,2-Dichloropropane	7.21	77	97294	21.763	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	63848	21.273	ug/l	95
28) Bromochloromethane	7.55	49	29325	19.462	ug/l	97
29) Tetrahydrofuran	7.56	42	25533	102.497	ug/l	97
30) Chloroform	7.71	83	109782	21.724	ug/l	100
31) Cyclohexane	7.99	56	76304	20.228	ug/l #	80
32) 1,1,1-Trichloroethane	7.90	97	113888	21.842	ug/l	99
36) 1,1-Dichloropropene	8.11	75	81172	22.087	ug/l	99
37) Ethyl Acetate	7.29	43	19945	20.904	ug/l #	94
38) Carbon Tetrachloride	8.10	117	110345	23.109	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067557.D
 Acq On : 09 Nov 2020 11:18
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:11:48 PM

Quant Time: Nov 10 00:36:15 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	93180	21.542	ug/l	95
40) Benzene	8.35	78	217930	21.892	ug/l	97
41) Methacrylonitrile	7.53	41	12645	22.172	ug/l #	66
42) 1,2-Dichloroethane	8.43	62	68723	22.344	ug/l	97
43) Isopropyl Acetate	8.45	43	41135	21.800	ug/l	100
44) Trichloroethene	9.11	130	71896	21.965	ug/l	83
45) 1,2-Dichloropropane	9.39	63	48129	22.362	ug/l	100
46) Dibromomethane	9.48	93	30397	22.212	ug/l	99
47) Bromodichloromethane	9.67	83	84776	22.792	ug/l	92
48) Methyl methacrylate	9.46	41	21424	21.990	ug/l	98
49) 1,4-Dioxane	9.46	88	6341	456.432	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	98189	108.805	ug/l	99
52) Toluene	10.41	92	151793	22.765	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	71954	22.587	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	83366	22.026	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	38918	21.494	ug/l	95
56) Ethyl methacrylate	10.67	69	38608	20.648	ug/l	99
57) 1,3-Dichloropropane	10.95	76	66082	22.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	92984	106.638	ug/l	100
59) 2-Hexanone	10.99	43	67988	107.750	ug/l	100
60) Dibromochloromethane	11.14	129	59799	22.326	ug/l	97
61) 1,2-Dibromoethane	11.25	107	38758	21.328	ug/l	100
64) Tetrachloroethene	10.88	164	65110	22.355	ug/l	97
65) Chlorobenzene	11.67	112	167282	22.082	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	65724	22.013	ug/l	98
67) Ethyl Benzene	11.75	91	293297	22.625	ug/l	99
68) m/p-Xylenes	11.86	106	231056	45.815	ug/l	99
69) o-Xylene	12.18	106	104997	23.319	ug/l	96
70) Styrene	12.20	104	176049	22.438	ug/l	99
71) Bromoform	12.36	173	33862	22.237	ug/l #	93
73) Isopropylbenzene	12.48	105	288978	22.583	ug/l	99
74) N-amyl acetate	12.29	43	35450	21.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35711	20.466	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	22579m	18.903	ug/l	
77) Bromobenzene	12.76	156	69732	22.189	ug/l	96
78) n-propylbenzene	12.83	91	334707	22.867	ug/l	100
79) 2-Chlorotoluene	12.91	91	190045	22.857	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	247155	22.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12562	21.352	ug/l	97
82) 4-Chlorotoluene	13.01	91	203269	22.795	ug/l	100
83) tert-Butylbenzene	13.23	119	208656	22.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	249962	22.972	ug/l	99
85) sec-Butylbenzene	13.40	105	281659	22.521	ug/l	97
86) p-Isopropyltoluene	13.52	119	278624	23.070	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	136479	22.759	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	136297	22.447	ug/l	99
89) n-Butylbenzene	13.84	91	238397	22.853	ug/l	99
90) Hexachloroethane	14.11	117	51243	22.531	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	114834	22.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6339	20.518	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
Data File : VD067557.D
Acq On : 09 Nov 2020 11:18
Operator : VA/SY
Sample : VD1109SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBS01

Manual Integrations
APPROVED

MMDadoda
11/10/2020 1:11:48 PM

Quant Time: Nov 10 00:36:15 2020
Quant Method : Z:\V0ASRV\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	77887	22.112	ug/l	99
94) Hexachlorobutadiene	15.27	225	51936	22.030	ug/l	98
95) Naphthalene	15.40	128	116470	21.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	65964	21.869	ug/l	98

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

