

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067476.D
 Acq On : 30 Oct 2020 17:04
 Operator : VA/SY
 Sample : L4560-05MSD
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:36 PM

Quant Time: Oct 31 06:32:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	264502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	405714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	370494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	138270	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.92	113	145660	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.34	98	521431	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.64	95	180148	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	85285	39.227	ug/l	95
3) Chloromethane	2.21	50	66538	39.971	ug/l	99
4) Vinyl Chloride	2.35	62	76471	41.868	ug/l	97
5) Bromomethane	2.77	94	65858	51.906	ug/l	97
6) Chloroethane	2.93	64	51718	45.467	ug/l	94
7) Trichlorofluoromethane	3.28	101	215255	46.803	ug/l	97
8) Diethyl Ether	3.71	74	50963	48.425	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114439	46.833	ug/l	98
10) Methyl Iodide	4.31	142	130752	58.007	ug/l	99
11) Tert butyl alcohol	5.21	59	28034	193.106	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	106789	48.919	ug/l	88
13) Acrolein	3.91	56	24203	161.243	ug/l	98
14) Allyl chloride	4.72	41	124412	49.766	ug/l	97
15) Acrylonitrile	5.43	53	90042	256.411	ug/l	98
16) Acetone	4.16	43	99573	268.304	ug/l	100
17) Carbon Disulfide	4.41	76	256580	41.229	ug/l	98
18) Methyl Acetate	4.72	43	53816	63.576	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	225935	52.051	ug/l	100
20) Methylene Chloride	4.97	84	127939	54.195	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	124315	49.486	ug/l	97
22) Diisopropyl ether	6.36	45	249363	54.604	ug/l	94
23) Vinyl Acetate	6.31	43	552357	212.598	ug/l	97
24) 1,1-Dichloroethane	6.27	63	205376	52.537	ug/l	98
25) 2-Butanone	7.21	43	103708	245.149	ug/l	94
26) 2,2-Dichloropropane	7.21	77	205381	50.972	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150908	54.811	ug/l	99
28) Bromochloromethane	7.55	49	69694	52.269	ug/l #	98
29) Tetrahydrofuran	7.57	42	57843	245.974	ug/l	95
30) Chloroform	7.71	83	254466	54.490	ug/l	98
31) Cyclohexane	7.98	56	128515	42.107	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	240116	52.405	ug/l	98
36) 1,1-Dichloropropene	8.12	75	165701	48.187	ug/l	99
37) Ethyl Acetate	7.30	43	42096	41.608	ug/l #	92
38) Carbon Tetrachloride	8.10	117	221739	50.453	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067476.D
 Acq On : 30 Oct 2020 17:04
 Operator : VA/SY
 Sample : L4560-05MSD
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:36 PM

Quant Time: Oct 31 06:32:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	160676	44.696	ug/l	98
40) Benzene	8.36	78	490222	51.965	ug/l	97
41) Methacrylonitrile	7.53	41	30784	56.306	ug/l #	75
42) 1,2-Dichloroethane	8.43	62	152286	51.583	ug/l	100
43) Isopropyl Acetate	8.46	43	96726	48.182	ug/l	99
44) Trichloroethene	9.11	130	154538	51.164	ug/l	92
45) 1,2-Dichloropropane	9.39	63	113676	51.994	ug/l	97
46) Dibromomethane	9.48	93	67407	49.484	ug/l	98
47) Bromodichloromethane	9.67	83	192479	52.739	ug/l	98
48) Methyl methacrylate	9.46	41	52661	53.978	ug/l	90
49) 1,4-Dioxane	9.47	88	14179	1077.970	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	241905	241.593	ug/l	100
52) Toluene	10.41	92	333535	51.910	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	167539	52.258	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	195795	52.184	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	95977	51.669	ug/l	96
56) Ethyl methacrylate	10.66	69	96204	49.938	ug/l	97
57) 1,3-Dichloropropane	10.95	76	153566	51.948	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	255771	258.805	ug/l	99
59) 2-Hexanone	10.99	43	171831	251.136	ug/l	100
60) Dibromochloromethane	11.14	129	139820	51.614	ug/l	97
61) 1,2-Dibromoethane	11.26	107	90996	49.690	ug/l	99
64) Tetrachloroethene	10.88	164	142425	53.058	ug/l	97
65) Chlorobenzene	11.67	112	375684	52.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	154864	54.844	ug/l	99
67) Ethyl Benzene	11.75	91	650382	53.403	ug/l	98
68) m/p-Xylenes	11.86	106	494275	105.393	ug/l	99
69) o-Xylene	12.18	106	231220	53.242	ug/l	98
70) Styrene	12.20	104	398876	53.355	ug/l	99
71) Bromoform	12.37	173	78666	51.858	ug/l #	96
73) Isopropylbenzene	12.48	105	642311	56.770	ug/l	99
74) N-amyl acetate	12.30	43	77981	45.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	90828	52.392	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	54080m	43.768	ug/l	
77) Bromobenzene	12.77	156	156990	55.655	ug/l	98
78) n-propylbenzene	12.83	91	713705	54.444	ug/l	100
79) 2-Chlorotoluene	12.91	91	426517	56.104	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	552193	56.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29058	53.331	ug/l	98
82) 4-Chlorotoluene	13.01	91	442119	54.795	ug/l	99
83) tert-Butylbenzene	13.23	119	465662	56.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	544007	55.981	ug/l	100
85) sec-Butylbenzene	13.41	105	604676	53.060	ug/l	100
86) p-Isopropyltoluene	13.52	119	579805	53.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	289585	53.337	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	286435	53.249	ug/l	99
89) n-Butylbenzene	13.85	91	474639	50.158	ug/l	100
90) Hexachloroethane	14.11	117	98842	52.658	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	255334	53.834	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15798	50.161	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
Data File : VD067476.D
Acq On : 30 Oct 2020 17:04
Operator : VA/SY
Sample : L4560-05MSD
Misc : 6.44G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:09:36 PM

Quant Time: Oct 31 06:32:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	161778	50.589	ug/l	99
94) Hexachlorobutadiene	15.27	225	87691	44.158	ug/l	98
95) Naphthalene	15.41	128	275615	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	140467	50.845	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067476.D
 Acq On : 30 Oct 2020 17:04
 Operator : VA/SY
 Sample : L4560-05MSD
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:36 PM

Quant Time: Oct 31 06:32:29 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

