

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069826.D
 Acq On : 23 Jul 2021 13:57
 Operator : VA/SY
 Sample : M2940-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:06 PM

Quant Time: Jul 24 02:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	575385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1063306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	996723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	441225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	354842	53.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.240%			
35) Dibromofluoromethane	7.914	113	351948	52.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.020%			
50) Toluene-d8	10.338	98	1312646	50.786	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.626	95	418804	48.484	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24926	4.116	ug/l	96
3) Chloromethane	2.209	50	36858	4.195	ug/l	99
4) Vinyl Chloride	2.350	62	39647	4.291	ug/l	98
5) Bromomethane	2.762	94	29927	4.945	ug/l	88
6) Chloroethane	2.926	64	25585	4.272	ug/l	91
7) Trichlorofluoromethane	3.268	101	50217	4.402	ug/l	97
8) Diethyl Ether	3.715	74	13158	4.101	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	32652	4.507	ug/l	98
10) Methyl Iodide	4.297	142	22618	3.573	ug/l	96
11) Tert butyl alcohol	5.209	59	12034m	35.144	ug/l	
12) 1,1-Dichloroethene	4.073	96	26467	4.020	ug/l	94
13) Acrolein	3.920	56	8607	17.956	ug/l	92
14) Allyl chloride	4.715	41	40257	4.171	ug/l	97
15) Acrylonitrile	5.420	53	30127	19.960	ug/l	97
16) Acetone	4.162	43	29070	24.318	ug/l	91
17) Carbon Disulfide	4.409	76	95535	4.059	ug/l	100
18) Methyl Acetate	4.726	43	17358	5.004	ug/l #	78
19) Methyl tert-butyl Ether	5.467	73	49251	3.611	ug/l	95
20) Methylene Chloride	4.967	84	174971	16.070	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	32393	4.176	ug/l	91
22) Diisopropyl ether	6.367	45	73428	3.501	ug/l #	89
23) Vinyl Acetate	6.309	43	163393m	16.262	ug/l	
24) 1,1-Dichloroethane	6.261	63	61954	4.277	ug/l	96
25) 2-Butanone	7.209	43	31336	19.330	ug/l	92
26) 2,2-Dichloropropane	7.209	77	49764	4.518	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	32976	3.984	ug/l	97
28) Bromochloromethane	7.544	49	23216	4.221	ug/l	95
29) Tetrahydrofuran	7.567	42	18632	17.765	ug/l	98
30) Chloroform	7.708	83	61053	4.192	ug/l	91
31) Cyclohexane	7.979	56	59021	4.565	ug/l #	75
32) 1,1,1-Trichloroethane	7.908	97	50692	4.205	ug/l	97
36) 1,1-Dichloropropene	8.114	75	45264	3.945	ug/l	97
37) Ethyl Acetate	7.291	43	17209	4.120	ug/l #	73
38) Carbon Tetrachloride	8.097	117	42303	4.036	ug/l	98
39) Methylcyclohexane	9.355	83	47362	3.604	ug/l	96
40) Benzene	8.350	78	134488	4.046	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069826.D
 Acq On : 23 Jul 2021 13:57
 Operator : VA/SY
 Sample : M2940-01 4PPBL0D
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:06 PM

Quant Time: Jul 24 02:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	7126	3.251	ug/l	97
42) 1,2-Dichloroethane	8.420	62	37075	4.217	ug/l	100
43) Isopropyl Acetate	8.450	43	28766	3.840	ug/l	94
44) Trichloroethene	9.114	130	32076	3.918	ug/l	84
45) 1,2-Dichloropropane	9.385	63	34473	3.948	ug/l	92
46) Dibromomethane	9.473	93	18239	4.249	ug/l	92
47) Bromodichloromethane	9.661	83	46043	4.129	ug/l	89
48) Methyl methacrylate	9.461	41	13521m	3.751	ug/l	
49) 1,4-Dioxane	9.455	88	3585	79.055	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	69234	17.758	ug/l	94
52) Toluene	10.397	92	83822	4.157	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	37464	4.002	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	43915	3.875	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	24760	4.084	ug/l	97
56) Ethyl methacrylate	10.655	69	22285	3.357	ug/l	98
57) 1,3-Dichloropropane	10.938	76	40051	3.904	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	47245	16.616	ug/l	95
59) 2-Hexanone	10.979	43	43200	16.752	ug/l	95
60) Dibromochloromethane	11.138	129	27098	3.947	ug/l	94
61) 1,2-Dibromoethane	11.244	107	22508	4.124	ug/l	96
64) Tetrachloroethene	10.873	164	26571	4.182	ug/l	96
65) Chlorobenzene	11.667	112	85004	4.116	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	30264	4.074	ug/l	97
67) Ethyl Benzene	11.738	91	133401	3.669	ug/l	93
68) m/p-Xylenes	11.849	106	95956	6.808	ug/l	98
69) o-Xylene	12.179	106	41951	3.274	ug/l	93
70) Styrene	12.185	104	71823	3.235	ug/l	98
71) Bromoform	12.349	173	13836	3.835	ug/l #	96
73) Isopropylbenzene	12.473	105	109820	3.464	ug/l	97
74) N-amyl acetate	12.285	43	24248	3.718	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.726	83	27000	4.265	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	18280m	3.898	ug/l	
77) Bromobenzene	12.755	156	28861	4.042	ug/l	97
78) n-propylbenzene	12.814	91	154676	3.799	ug/l	98
79) 2-Chlorotoluene	12.902	91	90353	3.820	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	93638	3.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	6256m	4.047	ug/l	
82) 4-Chlorotoluene	12.996	91	96208	3.891	ug/l	99
83) tert-Butylbenzene	13.214	119	76570	3.473	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	92724	3.466	ug/l	96
85) sec-Butylbenzene	13.391	105	124262	3.565	ug/l	98
86) p-Isopropyltoluene	13.508	119	95349	3.367	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	60550	4.039	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	63150	4.226	ug/l	92
89) n-Butylbenzene	13.832	91	102296	3.660	ug/l	97
90) Hexachloroethane	14.102	117	25460	4.244	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	51910	4.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4056	4.449	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	25223	3.613	ug/l	95
94) Hexachlorobutadiene	15.255	225	17869	4.184	ug/l	95
95) Naphthalene	15.390	128	41445	3.326	ug/l	96
96) 1,2,3-Trichlorobenzene	15.579	180	22283	3.691	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069826.D
 Acq On : 23 Jul 2021 13:57
 Operator : VA/SY
 Sample : M2940-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
 7/26/2021 5:19:06 PM

Quant Time: Jul 24 02:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069826.D
 Acq On : 23 Jul 2021 13:57
 Operator : VA/SY
 Sample : M2940-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:06 PM

Quant Time: Jul 24 02:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

