

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069741.D
 Acq On : 19 Jul 2021 10:02
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:44:01 PM

Quant Time: Jul 20 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	577168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1025397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	992179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	469952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	374489	51.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.920%	
35) Dibromofluoromethane	7.914	113	361041	52.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.338	98	1447673	54.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.626	95	483337	54.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	86409	14.958	ug/l	96
3) Chloromethane	2.209	50	132341	16.050	ug/l	99
4) Vinyl Chloride	2.344	62	150017	17.087	ug/l	94
5) Bromomethane	2.744	94	103162	17.914	ug/l	96
6) Chloroethane	2.908	64	103408	18.408	ug/l	99
7) Trichlorofluoromethane	3.267	101	211801	19.130	ug/l	97
8) Diethyl Ether	3.703	74	59139	18.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	136081	19.819	ug/l	97
10) Methyl Iodide	4.297	142	87708	14.080	ug/l	99
11) Tert butyl alcohol	5.226	59	41640	43.246	ug/l #	90
12) 1,1-Dichloroethene	4.061	96	114305	18.160	ug/l	97
13) Acrolein	3.920	56	45342	91.260	ug/l	98
14) Allyl chloride	4.708	41	178121	18.315	ug/l	98
15) Acrylonitrile	5.414	53	140272	95.762	ug/l	98
16) Acetone	4.155	43	139118	99.257	ug/l	98
17) Carbon Disulfide	4.403	76	324544	14.920	ug/l	97
18) Methyl Acetate	4.720	43	116206	30.826	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	239458	17.971	ug/l	96
20) Methylene Chloride	4.955	84	196496	15.557	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	133675	17.784	ug/l	95
22) Diisopropyl ether	6.361	45	374092	18.560	ug/l	97
23) Vinyl Acetate	6.302	43	772042	79.336	ug/l	95
24) 1,1-Dichloroethane	6.255	63	279510	19.872	ug/l	99
25) 2-Butanone	7.208	43	172634	101.354	ug/l	93
26) 2,2-Dichloropropane	7.208	77	221988	19.781	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	157945	19.479	ug/l	99
28) Bromochloromethane	7.544	49	94873	17.478	ug/l	97
29) Tetrahydrofuran	7.561	42	99842	94.610	ug/l	97
30) Chloroform	7.708	83	287792	20.569	ug/l	98
31) Cyclohexane	7.979	56	195450	16.221	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	236452	19.930	ug/l	98
36) 1,1-Dichloropropene	8.108	75	197827	18.701	ug/l	99
37) Ethyl Acetate	7.285	43	86036	21.501	ug/l	98
38) Carbon Tetrachloride	8.091	117	193810	20.007	ug/l	99
39) Methylcyclohexane	9.355	83	183355	15.900	ug/l	99
40) Benzene	8.349	78	607301	19.904	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069741.D
 Acq On : 19 Jul 2021 10:02
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:44:01 PM

Quant Time: Jul 20 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46740	22.538	ug/l	93
42) 1,2-Dichloroethane	8.420	62	164600	19.875	ug/l	98
43) Isopropyl Acetate	8.449	43	151275	20.644	ug/l	99
44) Trichloroethene	9.108	130	148169	20.026	ug/l	99
45) 1,2-Dichloropropane	9.385	63	168247	20.980	ug/l	100
46) Dibromomethane	9.467	93	81876	20.919	ug/l	99
47) Bromodichloromethane	9.655	83	218155	21.030	ug/l	100
48) Methyl methacrylate	9.449	41	67822	18.539	ug/l #	88
49) 1,4-Dioxane	9.461	88	15756	362.197	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	406612	107.151	ug/l	99
52) Toluene	10.396	92	380808	20.750	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	184074	21.109	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	215739	20.147	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	122066	22.295	ug/l	96
56) Ethyl methacrylate	10.655	69	122781	18.633	ug/l	99
57) 1,3-Dichloropropane	10.937	76	200273	20.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	309658	104.972	ug/l	100
59) 2-Hexanone	10.979	43	277732	109.805	ug/l	98
60) Dibromochloromethane	11.132	129	137680	21.555	ug/l	100
61) 1,2-Dibromoethane	11.237	107	108661	21.391	ug/l	100
64) Tetrachloroethene	10.873	164	122020	20.139	ug/l	97
65) Chlorobenzene	11.661	112	396624	20.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	147972	20.900	ug/l	99
67) Ethyl Benzene	11.737	91	691385	19.698	ug/l	99
68) m/p-Xylenes	11.849	106	536672	40.435	ug/l	99
69) o-Xylene	12.173	106	238676	19.749	ug/l	100
70) Styrene	12.190	104	425320	20.166	ug/l	99
71) Bromoform	12.349	173	73416	21.387	ug/l #	99
73) Isopropylbenzene	12.473	105	640997	19.156	ug/l	100
74) N-amyl acetate	12.279	43	140885	19.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	142536	21.385	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	95495m	20.917	ug/l	
77) Bromobenzene	12.749	156	147156	19.822	ug/l	95
78) n-propylbenzene	12.814	91	845819	19.935	ug/l	100
79) 2-Chlorotoluene	12.896	91	490889	19.680	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	571251	20.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	35216	20.730	ug/l	98
82) 4-Chlorotoluene	12.996	91	524970	20.056	ug/l	100
83) tert-Butylbenzene	13.214	119	444679	19.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	573900	20.380	ug/l	100
85) sec-Butylbenzene	13.390	105	699508	19.236	ug/l	100
86) p-Isopropyltoluene	13.508	119	593719	20.046	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	313874	20.358	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	304313	19.764	ug/l	96
89) n-Butylbenzene	13.831	91	586148	19.975	ug/l	99
90) Hexachloroethane	14.102	117	111023	18.420	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	273405	20.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20044	20.190	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	151020	20.433	ug/l	99
94) Hexachlorobutadiene	15.249	225	89775	20.147	ug/l	99
95) Naphthalene	15.384	128	257949	18.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	129991	20.475	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069741.D
 Acq On : 19 Jul 2021 10:02
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:44:01 PM

Quant Time: Jul 20 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

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

