

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069810.D
 Acq On : 22 Jul 2021 16:19
 Operator : VA/SY
 Sample : VD0722SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:51 PM

Quant Time: Jul 23 05:00:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	605723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1117837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1045669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	478853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	376686	54.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.914	113	364674	51.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.338	98	1410527	51.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.626	95	474640	52.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	129420	20.300	ug/l	93
3) Chloromethane	2.209	50	185475	20.055	ug/l	97
4) Vinyl Chloride	2.344	62	193852	19.928	ug/l	97
5) Bromomethane	2.750	94	136411	22.727	ug/l	97
6) Chloroethane	2.909	64	129187	20.490	ug/l	94
7) Trichlorofluoromethane	3.268	101	239586	19.951	ug/l	99
8) Diethyl Ether	3.715	74	73159	21.659	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	151860	19.912	ug/l	97
10) Methyl Iodide	4.291	142	133148	19.921	ug/l	99
11) Tert butyl alcohol	5.226	59	43016	119.333	ug/l	96
12) 1,1-Dichloroethene	4.068	96	140792	20.315	ug/l	99
13) Acrolein	3.921	56	55802	110.586	ug/l	98
14) Allyl chloride	4.709	41	215682	21.227	ug/l	99
15) Acrylonitrile	5.415	53	172444	108.528	ug/l	98
16) Acetone	4.156	43	116622	92.671	ug/l	99
17) Carbon Disulfide	4.409	76	499749	20.168	ug/l	98
18) Methyl Acetate	4.715	43	77370	21.189	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	313763	21.851	ug/l	97
20) Methylene Chloride	4.956	84	269618	26.627	ug/l	97
21) trans-1,2-Dichloroethene	5.468	96	165145	20.223	ug/l	94
22) Diisopropyl ether	6.362	45	485133	21.972	ug/l	96
23) Vinyl Acetate	6.303	43	1154346	107.654	ug/l	97
24) 1,1-Dichloroethane	6.262	63	308321	20.217	ug/l	100
25) 2-Butanone	7.214	43	185476	108.681	ug/l	98
26) 2,2-Dichloropropane	7.209	77	233692	20.152	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	183983	21.114	ug/l	97
28) Bromochloromethane	7.550	49	128931	22.267	ug/l	97
29) Tetrahydrofuran	7.561	42	122010	110.504	ug/l	99
30) Chloroform	7.709	83	313013	20.415	ug/l	99
31) Cyclohexane	7.985	56	271035	19.912	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	251720	19.834	ug/l	98
36) 1,1-Dichloropropene	8.109	75	231107	19.158	ug/l	98
37) Ethyl Acetate	7.291	43	91760	20.894	ug/l	100
38) Carbon Tetrachloride	8.091	117	211807	19.222	ug/l	96
39) Methylcyclohexane	9.350	83	261610	18.936	ug/l	99
40) Benzene	8.350	78	690336	19.753	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069810.D
 Acq On : 22 Jul 2021 16:19
 Operator : VA/SY
 Sample : VD0722SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:51 PM

Quant Time: Jul 23 05:00:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	52147	22.627	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	185477	20.068	ug/l	100
43) Isopropyl Acetate	8.450	43	167712	21.293	ug/l	98
44) Trichloroethene	9.108	130	166640	19.362	ug/l	99
45) 1,2-Dichloropropane	9.385	63	182156	19.843	ug/l	97
46) Dibromomethane	9.473	93	89464	19.826	ug/l	99
47) Bromodichloromethane	9.656	83	230996	19.704	ug/l	99
48) Methyl methacrylate	9.456	41	73213	19.246	ug/l	92
49) 1,4-Dioxane	9.456	88	19912	417.673	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	439952	107.341	ug/l	99
52) Toluene	10.397	92	424792	20.037	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	209968	21.337	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	254328	21.347	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	127065	19.936	ug/l	96
56) Ethyl methacrylate	10.655	69	141782	20.487	ug/l	98
57) 1,3-Dichloropropane	10.938	76	221723	20.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	316556	104.579	ug/l	98
59) 2-Hexanone	10.979	43	284028	104.766	ug/l	100
60) Dibromochloromethane	11.132	129	144986	20.086	ug/l	100
61) 1,2-Dibromoethane	11.244	107	118515	20.653	ug/l	100
64) Tetrachloroethene	10.873	164	127564	19.138	ug/l	99
65) Chlorobenzene	11.661	112	440858	20.350	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	154558	19.832	ug/l	97
67) Ethyl Benzene	11.738	91	769076	20.164	ug/l	100
68) m/p-Xylenes	11.850	106	602339	40.738	ug/l	100
69) o-Xylene	12.173	106	266274	19.809	ug/l	98
70) Styrene	12.191	104	480689	20.635	ug/l	100
71) Bromoform	12.355	173	77384	20.446	ug/l	99
73) Isopropylbenzene	12.473	105	702539	20.419	ug/l	99
74) N-amyl acetate	12.285	43	154065	21.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	143039	20.818	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	96559m	18.971	ug/l	
77) Bromobenzene	12.755	156	160197	20.673	ug/l	98
78) n-propylbenzene	12.814	91	909600	20.584	ug/l	99
79) 2-Chlorotoluene	12.897	91	529030	20.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	603299	20.498	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	38159	22.744	ug/l	95
82) 4-Chlorotoluene	12.997	91	561514	20.925	ug/l	99
83) tert-Butylbenzene	13.214	119	475488	19.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	609732	20.999	ug/l	99
85) sec-Butylbenzene	13.391	105	768065	20.303	ug/l	100
86) p-Isopropyltoluene	13.508	119	623472	20.286	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	330300	20.302	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	326765	20.151	ug/l	99
89) n-Butylbenzene	13.832	91	594542	19.602	ug/l	99
90) Hexachloroethane	14.102	117	127652	19.608	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	283595	20.196	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20522	20.742	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	152197	20.089	ug/l	99
94) Hexachlorobutadiene	15.255	225	88229	19.038	ug/l	99
95) Naphthalene	15.385	128	278880	21.035	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	136374	20.814	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
Data File : VD069810.D
Acq On : 22 Jul 2021 16:19
Operator : VA/SY
Sample : VD0722SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBSD01

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:51 PM

Quant Time: Jul 23 05:00:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

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

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

