

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
 Data File : VD069946.D
 Acq On : 02 Aug 2021 10:26
 Operator : VA/SY
 Sample : VD0802SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:02 PM

Quant Time: Aug 03 02:54:13 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	545149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	986101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	940253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	328595	52.410	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.820%			
35) Dibromofluoromethane	7.914	113	335526	53.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.338	98	1316821	54.936	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.880%			
62) 4-Bromofluorobenzene	12.626	95	442633	55.254	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	123860	21.586	ug/l	97
3) Chloromethane	2.209	50	174931	21.017	ug/l	95
4) Vinyl Chloride	2.350	62	186323	21.283	ug/l	100
5) Bromomethane	2.756	94	125608	23.299	ug/l	96
6) Chloroethane	2.915	64	119872	21.125	ug/l	92
7) Trichlorofluoromethane	3.273	101	234930	21.738	ug/l	94
8) Diethyl Ether	3.709	74	63597	20.920	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	148126	21.580	ug/l	99
10) Methyl Iodide	4.303	142	131457	21.517	ug/l	99
11) Tert butyl alcohol	5.226	59	34189	105.384	ug/l	96
12) 1,1-Dichloroethene	4.067	96	130581	20.936	ug/l	97
13) Acrolein	3.920	56	40267	88.667	ug/l	99
14) Allyl chloride	4.720	41	198061	21.658	ug/l	99
15) Acrylonitrile	5.420	53	156480	109.423	ug/l	99
16) Acetone	4.162	43	115414	101.902	ug/l	99
17) Carbon Disulfide	4.409	76	466785	20.930	ug/l	99
18) Methyl Acetate	4.720	43	74677	22.724	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	270280	20.914	ug/l	98
20) Methylene Chloride	4.967	84	212635	22.438	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	157957	21.492	ug/l	99
22) Diisopropyl ether	6.367	45	445200	22.404	ug/l	99
23) Vinyl Acetate	6.309	43	1010419	105.260	ug/l	99
24) 1,1-Dichloroethane	6.267	63	296802	21.625	ug/l	99
25) 2-Butanone	7.214	43	164389	107.028	ug/l	99
26) 2,2-Dichloropropane	7.214	77	229004	21.942	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	168165	21.443	ug/l	97
28) Bromochloromethane	7.550	49	122010	23.414	ug/l	98
29) Tetrahydrofuran	7.561	42	111462	112.168	ug/l	97
30) Chloroform	7.708	83	297534	21.561	ug/l	99
31) Cyclohexane	7.985	56	256151	20.910	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	245635	21.505	ug/l	99
36) 1,1-Dichloropropene	8.114	75	224569	21.103	ug/l	100
37) Ethyl Acetate	7.297	43	82375	21.263	ug/l	98
38) Carbon Tetrachloride	8.097	117	201958	20.777	ug/l	97
39) Methylcyclohexane	9.355	83	246682	20.240	ug/l	98
40) Benzene	8.350	78	661008	21.441	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
 Data File : VD069946.D
 Acq On : 02 Aug 2021 10:26
 Operator : VA/SY
 Sample : VD0802SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:02 PM

Quant Time: Aug 03 02:54:13 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	7.520	41	39017m	19.191	ug/l	
42) 1,2-Dichloroethane	8.426	62	173197	21.242	ug/l	99
43) Isopropyl Acetate	8.450	43	145368	20.922	ug/l	97
44) Trichloroethene	9.108	130	158059	20.818	ug/l	94
45) 1,2-Dichloropropane	9.385	63	171997	21.239	ug/l	98
46) Dibromomethane	9.473	93	85134	21.387	ug/l	98
47) Bromodichloromethane	9.661	83	217777	21.058	ug/l	97
48) Methyl methacrylate	9.455	41	72775	21.338	ug/l	97
49) 1,4-Dioxane	9.455	88	18298	435.093	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	395128	109.284	ug/l	98
52) Toluene	10.402	92	409039	21.872	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	189489	21.828	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	232173	22.091	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	118041	20.995	ug/l	97
56) Ethyl methacrylate	10.655	69	123970	20.340	ug/l	96
57) 1,3-Dichloropropane	10.944	76	206244	21.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	278888	104.470	ug/l	99
59) 2-Hexanone	10.979	43	259329	108.435	ug/l	96
60) Dibromochloromethane	11.132	129	135023	21.205	ug/l	99
61) 1,2-Dibromoethane	11.244	107	109244	21.581	ug/l	99
64) Tetrachloroethene	10.873	164	123300	20.572	ug/l	92
65) Chlorobenzene	11.667	112	420796	21.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	149298	21.305	ug/l	99
67) Ethyl Benzene	11.738	91	722670	21.072	ug/l	99
68) m/p-Xylenes	11.849	106	575948	43.320	ug/l	99
69) o-Xylene	12.179	106	256019	21.182	ug/l	100
70) Styrene	12.191	104	453844	21.667	ug/l	99
71) Bromoform	12.355	173	71494	21.008	ug/l #	98
73) Isopropylbenzene	12.473	105	665351	20.878	ug/l	100
74) N-amyl acetate	12.279	43	138900	21.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	137069	21.537	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	95440m	20.244	ug/l	
77) Bromobenzene	12.755	156	150226	20.930	ug/l	99
78) n-propylbenzene	12.814	91	889910	21.742	ug/l	100
79) 2-Chlorotoluene	12.902	91	510278	21.463	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	587357	21.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	36678	23.602	ug/l	97
82) 4-Chlorotoluene	12.996	91	546085	21.970	ug/l	99
83) tert-Butylbenzene	13.214	119	465180	20.988	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	587577	21.848	ug/l	98
85) sec-Butylbenzene	13.396	105	760663	21.709	ug/l	99
86) p-Isopropyltoluene	13.508	119	612221	21.507	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	317394	21.062	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	317510	21.139	ug/l	99
89) n-Butylbenzene	13.832	91	588771	20.957	ug/l	100
90) Hexachloroethane	14.102	117	126712	21.014	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	277391	21.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20014	21.839	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	145509	20.736	ug/l	99
94) Hexachlorobutadiene	15.255	225	91535	21.324	ug/l	98
95) Naphthalene	15.390	128	254300	20.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	127128	20.948	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
Data File : VD069946.D
Acq On : 02 Aug 2021 10:26
Operator : VA/SY
Sample : VD0802SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBSD01

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:02 PM

Quant Time: Aug 03 02:54:13 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

