

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069980.D
 Acq On : 04 Aug 2021 12:25
 Operator : VA/SY
 Sample : VD0804SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:45 PM

Quant Time: Aug 05 03:09:24 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	572838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1022563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	954780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	455223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	313877	47.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.280%		
35) Dibromofluoromethane	7.914	113	319376	49.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.080%		
50) Toluene-d8	10.338	98	1240098	49.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.780%		
62) 4-Bromofluorobenzene	12.626	95	423051	50.927	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	118635	19.676	ug/l	96
3) Chloromethane	2.209	50	166495	19.036	ug/l	99
4) Vinyl Chloride	2.350	62	184848	20.094	ug/l	93
5) Bromomethane	2.756	94	119347	20.877	ug/l	98
6) Chloroethane	2.915	64	117417	19.692	ug/l	95
7) Trichlorofluoromethane	3.268	101	231448	20.380	ug/l	97
8) Diethyl Ether	3.709	74	61972	19.401	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	144684	20.060	ug/l	98
10) Methyl Iodide	4.303	142	121208	19.305	ug/l	98
11) Tert butyl alcohol	5.220	59	34694	101.772	ug/l	98
12) 1,1-Dichloroethene	4.068	96	131892	20.124	ug/l	99
13) Acrolein	3.926	56	36643	76.787	ug/l	98
14) Allyl chloride	4.715	41	189304	19.700	ug/l	99
15) Acrylonitrile	5.420	53	143248	95.329	ug/l	98
16) Acetone	4.162	43	111638	93.804	ug/l	99
17) Carbon Disulfide	4.409	76	452006	19.288	ug/l	100
18) Methyl Acetate	4.715	43	70126	20.308	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	265010	19.515	ug/l	100
20) Methylene Chloride	4.968	84	243110	25.050	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	154234	19.971	ug/l	95
22) Diisopropyl ether	6.362	45	427127	20.455	ug/l	97
23) Vinyl Acetate	6.303	43	957696	96.939	ug/l	97
24) 1,1-Dichloroethane	6.262	63	284967	19.759	ug/l	99
25) 2-Butanone	7.214	43	161496	100.062	ug/l	99
26) 2,2-Dichloropropane	7.214	77	220243	20.083	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	166041	20.149	ug/l	97
28) Bromochloromethane	7.550	49	118024	21.554	ug/l	96
29) Tetrahydrofuran	7.567	42	103261	98.892	ug/l	100
30) Chloroform	7.709	83	284171	19.597	ug/l	98
31) Cyclohexane	7.985	56	255283	19.831	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	244053	20.334	ug/l	99
36) 1,1-Dichloropropene	8.109	75	216260	19.597	ug/l	98
37) Ethyl Acetate	7.297	43	73281	18.241	ug/l	98
38) Carbon Tetrachloride	8.097	117	199798	19.821	ug/l	99
39) Methylcyclohexane	9.350	83	246340	19.492	ug/l	96
40) Benzene	8.350	78	638278	19.965	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069980.D
 Acq On : 04 Aug 2021 12:25
 Operator : VA/SY
 Sample : VD0804SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:45 PM

Quant Time: Aug 05 03:09:24 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	36043	17.096	ug/l	93
42) 1,2-Dichloroethane	8.426	62	163263	19.310	ug/l	99
43) Isopropyl Acetate	8.450	43	143547	19.923	ug/l	99
44) Trichloroethene	9.114	130	155162	19.708	ug/l	98
45) 1,2-Dichloropropane	9.385	63	165882	19.754	ug/l	99
46) Dibromomethane	9.473	93	78835	19.099	ug/l	98
47) Bromodichloromethane	9.661	83	210307	19.610	ug/l	97
48) Methyl methacrylate	9.456	41	62515	18.147	ug/l	93
49) 1,4-Dioxane	9.456	88	17207	394.562	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	369532	98.560	ug/l	100
52) Toluene	10.403	92	393110	20.270	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	177101	19.674	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	215041	19.732	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	114918	19.711	ug/l	99
56) Ethyl methacrylate	10.661	69	123183	19.653	ug/l	96
57) 1,3-Dichloropropane	10.938	76	193018	19.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	279191	101.577	ug/l	98
59) 2-Hexanone	10.979	43	246441	99.372	ug/l	96
60) Dibromochloromethane	11.138	129	128804	19.507	ug/l	100
61) 1,2-Dibromoethane	11.244	107	104817	19.968	ug/l	100
64) Tetrachloroethene	10.873	164	122102	20.062	ug/l	95
65) Chlorobenzene	11.667	112	402821	20.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	144917	20.365	ug/l	99
67) Ethyl Benzene	11.738	91	706867	20.297	ug/l	100
68) m/p-Xylenes	11.850	106	557983	41.331	ug/l	98
69) o-Xylene	12.173	106	250042	20.373	ug/l	97
70) Styrene	12.191	104	443047	20.830	ug/l	99
71) Bromoform	12.355	173	70563	20.419	ug/l #	97
73) Isopropylbenzene	12.473	105	657481	20.101	ug/l	100
74) N-amyl acetate	12.279	43	129400	19.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	128285	19.639	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	87438m	18.071	ug/l	
77) Bromobenzene	12.755	156	147445	20.015	ug/l	98
78) n-propylbenzene	12.814	91	858776	20.442	ug/l	100
79) 2-Chlorotoluene	12.897	91	493065	20.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	576938	20.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	30791	19.305	ug/l	97
82) 4-Chlorotoluene	12.997	91	525099	20.583	ug/l	99
83) tert-Butylbenzene	13.214	119	454019	19.958	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	569501	20.632	ug/l	98
85) sec-Butylbenzene	13.391	105	737589	20.510	ug/l	100
86) p-Isopropyltoluene	13.508	119	597506	20.451	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	310410	20.070	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	310907	20.168	ug/l	99
89) n-Butylbenzene	13.832	91	575068	19.944	ug/l	99
90) Hexachloroethane	14.102	117	122802	19.842	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	264714	19.830	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19544	20.779	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	142032	19.720	ug/l	99
94) Hexachlorobutadiene	15.255	225	86370	19.604	ug/l	97
95) Naphthalene	15.390	128	244092	19.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	124034	19.914	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
Data File : VD069980.D
Acq On : 04 Aug 2021 12:25
Operator : VA/SY
Sample : VD0804SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0804SBSD01

Manual Integrations
APPROVED

MMDadoda
8/5/2021 6:41:45 PM

Quant Time: Aug 05 03:09:24 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

