

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069500.D
 Acq On : 21 Jun 2021 15:03
 Operator : VA/SY
 Sample : VD0621SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:12:15 PM

Quant Time: Jun 22 04:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	569721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	948807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	444876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	350074	49.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.600%		
35) Dibromofluoromethane	7.914	113	330914	48.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.700%		
50) Toluene-d8	10.338	98	1276677	50.243	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.480%		
62) 4-Bromofluorobenzene	12.626	95	417066	49.926	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	104336	19.093	ug/l	98
3) Chloromethane	2.209	50	156841	19.621	ug/l	99
4) Vinyl Chloride	2.344	62	169676	19.042	ug/l	99
5) Bromomethane	2.750	94	111198	19.624	ug/l	94
6) Chloroethane	2.915	64	115942	19.534	ug/l	99
7) Trichlorofluoromethane	3.268	101	204746	19.349	ug/l	89
8) Diethyl Ether	3.709	74	55115	19.690	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	127323	19.672	ug/l	98
10) Methyl Iodide	4.303	142	83132	16.778	ug/l	98
11) Tert butyl alcohol	5.214	59	52699	119.235	ug/l #	96
12) 1,1-Dichloroethene	4.062	96	110576	19.655	ug/l	93
13) Acrolein	3.915	56	36369	92.011	ug/l	99
14) Allyl chloride	4.715	41	159048	20.166	ug/l	99
15) Acrylonitrile	5.420	53	121238	103.179	ug/l	96
16) Acetone	4.156	43	110687	92.603	ug/l	97
17) Carbon Disulfide	4.409	76	337361	18.213	ug/l	98
18) Methyl Acetate	4.709	43	74187	23.548	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	220664	19.958	ug/l	99
20) Methylene Chloride	4.962	84	187646	20.955	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	130248	19.189	ug/l	99
22) Diisopropyl ether	6.361	45	340081	21.398	ug/l	98
23) Vinyl Acetate	6.309	43	848194	96.547	ug/l	99
24) 1,1-Dichloroethane	6.256	63	259145	20.586	ug/l	98
25) 2-Butanone	7.214	43	150504	99.088	ug/l	95
26) 2,2-Dichloropropane	7.203	77	203627	19.786	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	146901	19.918	ug/l	99
28) Bromochloromethane	7.544	49	94350	19.136	ug/l	98
29) Tetrahydrofuran	7.561	42	87809	105.448	ug/l	97
30) Chloroform	7.708	83	267238	20.082	ug/l	98
31) Cyclohexane	7.985	56	183619	19.204	ug/l #	96
32) 1,1,1-Trichloroethane	7.903	97	219816	20.045	ug/l	98
36) 1,1-Dichloropropene	8.108	75	192523	19.574	ug/l	99
37) Ethyl Acetate	7.291	43	74722	20.473	ug/l	99
38) Carbon Tetrachloride	8.097	117	185376	19.044	ug/l	97
39) Methylcyclohexane	9.350	83	177552	18.300	ug/l	98
40) Benzene	8.350	78	557725	19.670	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35548	16.737	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	166779	20.246	ug/l	99
43) Isopropyl Acetate	8.450	43	131118	19.775	ug/l	99
44) Trichloroethene	9.108	130	139586	19.509	ug/l	97
45) 1,2-Dichloropropane	9.385	63	144923	19.911	ug/l	94
46) Dibromomethane	9.473	93	77130	20.233	ug/l	96
47) Bromodichloromethane	9.661	83	201805	19.714	ug/l	98
48) Methyl methacrylate	9.455	41	62078	19.708	ug/l	96
49) 1,4-Dioxane	9.461	88	14618	389.278	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	355455	101.943	ug/l	99
52) Toluene	10.402	92	346173	19.785	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	174333	19.697	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	210608	19.788	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	106893	19.857	ug/l	94
56) Ethyl methacrylate	10.655	69	111341	19.267	ug/l	96
57) 1,3-Dichloropropane	10.944	76	182879	20.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	296185	96.250	ug/l	100
59) 2-Hexanone	10.979	43	232030	98.612	ug/l	98
60) Dibromochloromethane	11.138	129	126119	19.878	ug/l	98
61) 1,2-Dibromoethane	11.244	107	99294	20.005	ug/l	98
64) Tetrachloroethene	10.873	164	115873	19.447	ug/l	96
65) Chlorobenzene	11.667	112	362998	19.236	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	135878	19.805	ug/l	99
67) Ethyl Benzene	11.744	91	627270	19.029	ug/l	99
68) m/p-Xylenes	11.849	106	485623	39.125	ug/l	99
69) o-Xylene	12.173	106	215404	19.360	ug/l	99
70) Styrene	12.191	104	388695	19.833	ug/l	99
71) Bromoform	12.349	173	68533	19.711	ug/l	99
73) Isopropylbenzene	12.473	105	584113	19.057	ug/l	99
74) N-amyl acetate	12.285	43	124689	20.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	121647	19.759	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	88186m	20.194	ug/l	
77) Bromobenzene	12.755	156	134962	19.390	ug/l	95
78) n-propylbenzene	12.814	91	755140	19.628	ug/l	100
79) 2-Chlorotoluene	12.902	91	435436	19.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	502069	19.464	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	32834	18.773	ug/l	97
82) 4-Chlorotoluene	12.996	91	466045	19.778	ug/l	100
83) tert-Butylbenzene	13.214	119	396380	18.467	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	508524	19.831	ug/l	100
85) sec-Butylbenzene	13.396	105	620218	19.285	ug/l	99
86) p-Isopropyltoluene	13.508	119	540562	19.968	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	273545	19.189	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	274669	19.340	ug/l	97
89) n-Butylbenzene	13.832	91	514859	19.065	ug/l	99
90) Hexachloroethane	14.096	117	98472	18.608	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	245892	19.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	17710	18.959	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	136964	19.910	ug/l	98
94) Hexachlorobutadiene	15.255	225	82837	19.192	ug/l	97
95) Naphthalene	15.390	128	229677	18.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	119432	19.697	ug/l	99

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

