

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069823.D
 Acq On : 23 Jul 2021 12:33
 Operator : VA/SY
 Sample : VD0723SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:01 PM

Quant Time: Jul 24 01:33:19 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	585314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1039355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	985284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	359230	53.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.720%			
35) Dibromofluoromethane	7.908	113	369006	56.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.640%			
50) Toluene-d8	10.338	98	1422637	56.310	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.620%			
62) 4-Bromofluorobenzene	12.626	95	477769	56.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	132863	21.566	ug/l	100
3) Chloromethane	2.209	50	183581	20.542	ug/l	98
4) Vinyl Chloride	2.344	62	198566	21.125	ug/l	98
5) Bromomethane	2.750	94	135860	23.486	ug/l	99
6) Chloroethane	2.909	64	123931	20.342	ug/l	99
7) Trichlorofluoromethane	3.268	101	240982	20.767	ug/l	100
8) Diethyl Ether	3.709	74	63694	19.515	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	153471	20.825	ug/l	100
10) Methyl Iodide	4.297	142	116667	18.386	ug/l	99
11) Tert butyl alcohol	5.226	59	36292	104.190	ug/l	96
12) 1,1-Dichloroethene	4.067	96	136636	20.403	ug/l	91
13) Acrolein	3.920	56	49765	102.061	ug/l	97
14) Allyl chloride	4.709	41	193966	19.755	ug/l	99
15) Acrylonitrile	5.420	53	152152	99.096	ug/l	98
16) Acetone	4.156	43	126204	103.782	ug/l	98
17) Carbon Disulfide	4.403	76	490566	20.487	ug/l	99
18) Methyl Acetate	4.715	43	70222	19.902	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	269412	19.417	ug/l	100
20) Methylene Chloride	4.962	84	247262	24.902	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	162189	20.553	ug/l	92
22) Diisopropyl ether	6.362	45	440048	20.625	ug/l	95
23) Vinyl Acetate	6.303	43	989209	97.773	ug/l	98
24) 1,1-Dichloroethane	6.261	63	295933	20.082	ug/l	97
25) 2-Butanone	7.209	43	170459	103.365	ug/l	98
26) 2,2-Dichloropropane	7.203	77	234972	20.969	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	171397	20.355	ug/l	99
28) Bromochloromethane	7.544	49	125283	22.392	ug/l	99
29) Tetrahydrofuran	7.561	42	106170	99.511	ug/l	99
30) Chloroform	7.708	83	302051	20.386	ug/l	95
31) Cyclohexane	7.985	56	263840	20.059	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	250254	20.406	ug/l	99
36) 1,1-Dichloropropene	8.108	75	227304	20.265	ug/l	99
37) Ethyl Acetate	7.291	43	82051	20.094	ug/l #	94
38) Carbon Tetrachloride	8.097	117	210195	20.516	ug/l	96
39) Methylcyclohexane	9.355	83	252119	19.627	ug/l	98
40) Benzene	8.350	78	661149	20.346	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	39124m	18.258	ug/l	
42) 1,2-Dichloroethane	8.420	62	174012	20.249	ug/l	98
43) Isopropyl Acetate	8.450	43	148791	20.317	ug/l	98
44) Trichloroethene	9.108	130	163076	20.379	ug/l	99
45) 1,2-Dichloropropane	9.385	63	177854	20.837	ug/l	96
46) Dibromomethane	9.473	93	85502	20.379	ug/l	97
47) Bromodichloromethane	9.661	83	221760	20.344	ug/l	97
48) Methyl methacrylate	9.455	41	71015	19.959	ug/l	99
49) 1,4-Dioxane	9.455	88	17810	401.791	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	384019	100.769	ug/l	99
52) Toluene	10.397	92	417360	21.173	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	187713	20.516	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	235152	21.228	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	121546	20.511	ug/l	96
56) Ethyl methacrylate	10.655	69	124101	19.514	ug/l	98
57) 1,3-Dichloropropane	10.938	76	202295	20.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	259621	94.707	ug/l	99
59) 2-Hexanone	10.979	43	262865	104.282	ug/l	96
60) Dibromochloromethane	11.132	129	137820	20.535	ug/l	99
61) 1,2-Dibromoethane	11.238	107	108534	20.342	ug/l	97
64) Tetrachloroethene	10.873	164	132257	21.058	ug/l	97
65) Chlorobenzene	11.667	112	426126	20.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	151293	20.603	ug/l	97
67) Ethyl Benzene	11.738	91	735244	20.458	ug/l	98
68) m/p-Xylenes	11.849	106	582655	41.822	ug/l	99
69) o-Xylene	12.173	106	260979	20.605	ug/l	98
70) Styrene	12.191	104	457324	20.835	ug/l	100
71) Bromoform	12.355	173	71924	20.168	ug/l #	98
73) Isopropylbenzene	12.473	105	677715	20.060	ug/l	100
74) N-amyl acetate	12.279	43	138578	19.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	137770	20.420	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	92120m	18.432	ug/l	
77) Bromobenzene	12.755	156	154919	20.360	ug/l	98
78) n-propylbenzene	12.814	91	897486	20.684	ug/l	99
79) 2-Chlorotoluene	12.896	91	517461	20.531	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	597446	20.673	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	33891	20.572	ug/l	96
82) 4-Chlorotoluene	12.996	91	554464	21.043	ug/l	99
83) tert-Butylbenzene	13.214	119	464881	19.785	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	601947	21.113	ug/l	99
85) sec-Butylbenzene	13.391	105	764556	20.583	ug/l	99
86) p-Isopropyltoluene	13.508	119	617182	20.452	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	329747	20.641	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	321318	20.180	ug/l	99
89) n-Butylbenzene	13.832	91	589491	19.793	ug/l	100
90) Hexachloroethane	14.102	117	128454	20.095	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	280056	20.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	19374	19.942	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	149595	20.109	ug/l	96
94) Hexachlorobutadiene	15.255	225	92386	20.302	ug/l	98
95) Naphthalene	15.385	128	242571	19.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	130641	20.307	ug/l	99

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

