

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069844.D
 Acq On : 26 Jul 2021 13:32
 Operator : VA/SY
 Sample : VD0726SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 12:14:22 PM

Quant Time: Jul 27 05:09:55 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	586152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1062633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	996502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	473185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	338613	50.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.914	113	339111	50.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.240%	
50) Toluene-d8	10.338	98	1325542	51.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.626	95	449378	52.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	132638	21.499	ug/l	98
3) Chloromethane	2.209	50	183486	20.502	ug/l	94
4) Vinyl Chloride	2.350	62	194577	20.671	ug/l	99
5) Bromomethane	2.750	94	125265	21.466	ug/l	96
6) Chloroethane	2.914	64	128685	21.092	ug/l	91
7) Trichlorofluoromethane	3.267	101	243428	20.948	ug/l	100
8) Diethyl Ether	3.709	74	67005	20.500	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	153136	20.750	ug/l	99
10) Methyl Iodide	4.297	142	123181	19.197	ug/l	100
11) Tert butyl alcohol	5.226	59	36821	105.558	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	143223	21.356	ug/l #	87
13) Acrolein	3.920	56	50699	103.828	ug/l	94
14) Allyl chloride	4.714	41	202740	20.619	ug/l	97
15) Acrylonitrile	5.414	53	157360	102.341	ug/l	98
16) Acetone	4.156	43	120029	98.563	ug/l	93
17) Carbon Disulfide	4.408	76	487155	20.316	ug/l	99
18) Methyl Acetate	4.714	43	69920	19.788	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	283002	20.367	ug/l	96
20) Methylene Chloride	4.967	84	231098	22.758	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	158397	20.044	ug/l	96
22) Diisopropyl ether	6.361	45	458532	21.461	ug/l	98
23) Vinyl Acetate	6.303	43	1033321	101.110	ug/l	100
24) 1,1-Dichloroethane	6.261	63	307191	20.816	ug/l	99
25) 2-Butanone	7.208	43	167932	101.687	ug/l	99
26) 2,2-Dichloropropane	7.208	77	234920	20.935	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	173378	20.561	ug/l	99
28) Bromochloromethane	7.544	49	126590	22.593	ug/l	94
29) Tetrahydrofuran	7.561	42	109083	102.095	ug/l	98
30) Chloroform	7.708	83	300951	20.283	ug/l	97
31) Cyclohexane	7.979	56	268251	20.366	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	251537	20.481	ug/l	98
36) 1,1-Dichloropropene	8.114	75	231093	20.152	ug/l	99
37) Ethyl Acetate	7.291	43	84403	20.218	ug/l	98
38) Carbon Tetrachloride	8.097	117	209805	20.029	ug/l	99
39) Methylcyclohexane	9.355	83	257058	19.573	ug/l	98
40) Benzene	8.349	78	673402	20.270	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	41240	18.824	ug/l	99
42) 1,2-Dichloroethane	8.420	62	174983	19.916	ug/l	100
43) Isopropyl Acetate	8.449	43	150881	20.151	ug/l	100
44) Trichloroethene	9.114	130	161295	19.714	ug/l	99
45) 1,2-Dichloropropane	9.385	63	177466	20.336	ug/l	97
46) Dibromomethane	9.467	93	84983	19.812	ug/l	99
47) Bromodichloromethane	9.661	83	224794	20.171	ug/l	96
48) Methyl methacrylate	9.449	41	74664	20.447	ug/l	98
49) 1,4-Dioxane	9.461	88	19110	421.675	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	395831	101.594	ug/l	97
52) Toluene	10.402	92	415444	20.614	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	195465	20.895	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	230594	20.361	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	122304	20.186	ug/l	95
56) Ethyl methacrylate	10.655	69	129680	19.859	ug/l	97
57) 1,3-Dichloropropane	10.943	76	210369	20.520	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	264898	94.558	ug/l	99
59) 2-Hexanone	10.979	43	261236	101.365	ug/l	97
60) Dibromochloromethane	11.138	129	138128	20.130	ug/l	99
61) 1,2-Dibromoethane	11.243	107	110170	20.196	ug/l	99
64) Tetrachloroethene	10.873	164	130648	20.568	ug/l	99
65) Chlorobenzene	11.667	112	420528	20.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	151929	20.456	ug/l	98
67) Ethyl Benzene	11.738	91	742447	20.426	ug/l	96
68) m/p-Xylenes	11.849	106	589985	41.871	ug/l	99
69) o-Xylene	12.173	106	259184	20.233	ug/l	97
70) Styrene	12.190	104	464399	20.919	ug/l	99
71) Bromoform	12.355	173	73364	20.340	ug/l #	98
73) Isopropylbenzene	12.473	105	690108	20.298	ug/l	100
74) N-amyl acetate	12.279	43	136719	19.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	135211	19.914	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	93559m	18.602	ug/l	
77) Bromobenzene	12.749	156	154150	20.131	ug/l	99
78) n-propylbenzene	12.814	91	901167	20.637	ug/l	100
79) 2-Chlorotoluene	12.902	91	513257	20.235	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	599900	20.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	35431	21.371	ug/l	97
82) 4-Chlorotoluene	12.996	91	550046	20.743	ug/l	100
83) tert-Butylbenzene	13.214	119	472874	19.998	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	596100	20.776	ug/l	100
85) sec-Butylbenzene	13.390	105	769955	20.597	ug/l	99
86) p-Isopropyltoluene	13.508	119	627523	20.663	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	329240	20.479	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	324415	20.246	ug/l	98
89) n-Butylbenzene	13.832	91	599163	19.991	ug/l	100
90) Hexachloroethane	14.102	117	132642	20.618	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	282200	20.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19302	19.742	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	152451	20.363	ug/l	98
94) Hexachlorobutadiene	15.255	225	90390	19.738	ug/l	99
95) Naphthalene	15.390	128	258421	20.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	132658	20.490	ug/l	100

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

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