

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070243.D
 Acq On : 25 Aug 2021 11:14
 Operator : VA/SY
 Sample : VD0825SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 4:58:32 PM

Quant Time: Aug 25 14:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	427834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	779539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	744275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	353095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	273907	54.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.860%	
35) Dibromofluoromethane	7.914	113	265891	52.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.338	98	1031991	52.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.626	95	338502	52.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	108225	22.913	ug/l	100
3) Chloromethane	2.209	50	143875	21.765	ug/l	99
4) Vinyl Chloride	2.350	62	146325	20.209	ug/l	97
5) Bromomethane	2.750	94	104376	24.055	ug/l	98
6) Chloroethane	2.909	64	97696	21.120	ug/l	96
7) Trichlorofluoromethane	3.267	101	176483	20.294	ug/l	99
8) Diethyl Ether	3.709	74	50000	20.090	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	121566	21.973	ug/l	98
10) Methyl Iodide	4.297	142	90964	17.982	ug/l	97
11) Tert butyl alcohol	5.220	59	28024	100.758	ug/l	100
12) 1,1-Dichloroethene	4.061	96	102972	20.259	ug/l	94
13) Acrolein	3.920	56	23356	72.903	ug/l	98
14) Allyl chloride	4.708	41	153526	20.243	ug/l	99
15) Acrylonitrile	5.414	53	120454	104.377	ug/l	98
16) Acetone	4.156	43	93937	101.337	ug/l	100
17) Carbon Disulfide	4.403	76	361758	19.685	ug/l	98
18) Methyl Acetate	4.708	43	61367	22.204	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	216417	20.516	ug/l	95
20) Methylene Chloride	4.967	84	154322	19.446	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	119947	20.316	ug/l	92
22) Diisopropyl ether	6.367	45	345049	21.632	ug/l	96
23) Vinyl Acetate	6.303	43	727407	100.625	ug/l	99
24) 1,1-Dichloroethane	6.261	63	232768	21.329	ug/l	99
25) 2-Butanone	7.208	43	134394	106.102	ug/l #	88
26) 2,2-Dichloropropane	7.208	77	174030	20.481	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	132096	21.068	ug/l	99
28) Bromochloromethane	7.544	49	95948	24.160	ug/l	97
29) Tetrahydrofuran	7.555	42	85816	103.466	ug/l	99
30) Chloroform	7.708	83	232230	21.638	ug/l	96
31) Cyclohexane	7.985	56	197942	19.874	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	190861	21.280	ug/l	98
36) 1,1-Dichloropropene	8.108	75	170465	20.327	ug/l	99
37) Ethyl Acetate	7.291	43	63044	20.697	ug/l	96
38) Carbon Tetrachloride	8.097	117	158713	20.846	ug/l	92
39) Methylcyclohexane	9.355	83	187200	19.172	ug/l	96
40) Benzene	8.349	78	505374	20.777	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26616	16.162	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	135603	21.753	ug/l	96
43) Isopropyl Acetate	8.449	43	120895	21.259	ug/l	100
44) Trichloroethene	9.108	130	120014	20.425	ug/l	99
45) 1,2-Dichloropropane	9.385	63	132253	20.932	ug/l	91
46) Dibromomethane	9.473	93	67640	22.041	ug/l	95
47) Bromodichloromethane	9.661	83	172471	21.723	ug/l	97
48) Methyl methacrylate	9.449	41	51124	18.852	ug/l	91
49) 1,4-Dioxane	9.461	88	13753	411.806	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	314901	106.495	ug/l	97
52) Toluene	10.396	92	312084	21.079	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	147860	21.025	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	182401	21.369	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	95577	21.982	ug/l	92
56) Ethyl methacrylate	10.655	69	96698	19.543	ug/l	94
57) 1,3-Dichloropropane	10.938	76	157459	20.918	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	280888	107.630	ug/l	98
59) 2-Hexanone	10.979	43	209153	105.618	ug/l	95
60) Dibromochloromethane	11.132	129	106786	21.439	ug/l	99
61) 1,2-Dibromoethane	11.238	107	86343	21.935	ug/l	100
64) Tetrachloroethene	10.873	164	94973	19.780	ug/l	96
65) Chlorobenzene	11.667	112	320228	20.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	115118	20.846	ug/l	99
67) Ethyl Benzene	11.738	91	541857	19.708	ug/l	99
68) m/p-Xylenes	11.849	106	431886	40.533	ug/l	99
69) o-Xylene	12.173	106	192838	20.058	ug/l	97
70) Styrene	12.190	104	338259	20.089	ug/l	98
71) Bromoform	12.355	173	56805	21.112	ug/l #	98
73) Isopropylbenzene	12.473	105	507098	19.694	ug/l	99
74) N-amyl acetate	12.279	43	110170	19.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	111466	21.696	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	71998m	20.106	ug/l	
77) Bromobenzene	12.755	156	116268	20.344	ug/l	99
78) n-propylbenzene	12.814	91	671470	20.221	ug/l	99
79) 2-Chlorotoluene	12.896	91	387852	20.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	447701	20.424	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28317	20.526	ug/l	98
82) 4-Chlorotoluene	12.996	91	408870	20.439	ug/l	99
83) tert-Butylbenzene	13.214	119	344531	19.337	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	444305	20.433	ug/l	99
85) sec-Butylbenzene	13.390	105	570248	19.976	ug/l	99
86) p-Isopropyltoluene	13.508	119	457297	19.828	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	248427	20.459	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	247669	20.593	ug/l	98
89) n-Butylbenzene	13.832	91	443977	19.618	ug/l	98
90) Hexachloroethane	14.102	117	100147	20.578	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	208921	20.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15828	20.625	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	113837	19.674	ug/l	98
94) Hexachlorobutadiene	15.249	225	66799	19.544	ug/l	97
95) Naphthalene	15.384	128	197146	18.721	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	99796	19.758	ug/l	98

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

