

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069783.D
 Acq On : 21 Jul 2021 11:29
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:02:23 PM

Quant Time: Jul 22 03:38:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	577215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1019460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	964226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	464536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	362566	50.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.914	113	359746	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.338	98	1411484	53.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.626	95	480096	54.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	83936	14.547	ug/l	92
3) Chloromethane	2.209	50	131569	15.953	ug/l	97
4) Vinyl Chloride	2.344	62	149364	17.011	ug/l	98
5) Bromomethane	2.744	94	111553	19.514	ug/l	98
6) Chloroethane	2.909	64	104228	18.553	ug/l	95
7) Trichlorofluoromethane	3.268	101	209368	18.908	ug/l	97
8) Diethyl Ether	3.715	74	63485	19.652	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	134102	19.530	ug/l	99
10) Methyl Iodide	4.297	142	92779	14.750	ug/l	99
11) Tert butyl alcohol	5.215	59	40970	42.546	ug/l	100
12) 1,1-Dichloroethene	4.068	96	115042	18.275	ug/l	96
13) Acrolein	3.920	56	44097	88.747	ug/l	96
14) Allyl chloride	4.709	41	181606	18.671	ug/l	98
15) Acrylonitrile	5.415	53	146750	100.176	ug/l	99
16) Acetone	4.162	43	140903	100.409	ug/l	99
17) Carbon Disulfide	4.409	76	316740	14.570	ug/l	98
18) Methyl Acetate	4.715	43	118120	31.447	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	245756	18.442	ug/l	100
20) Methylene Chloride	4.956	84	231534	19.345	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	137625	18.308	ug/l	96
22) Diisopropyl ether	6.362	45	384967	19.098	ug/l	98
23) Vinyl Acetate	6.309	43	841533	85.083	ug/l	99
24) 1,1-Dichloroethane	6.262	63	278977	19.832	ug/l	99
25) 2-Butanone	7.209	43	178379	104.718	ug/l	99
26) 2,2-Dichloropropane	7.209	77	226841	20.212	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	160861	19.837	ug/l	99
28) Bromochloromethane	7.544	49	100742	18.557	ug/l	98
29) Tetrahydrofuran	7.561	42	105714	100.167	ug/l	96
30) Chloroform	7.709	83	292333	20.892	ug/l	100
31) Cyclohexane	7.985	56	193193	16.037	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	240258	20.250	ug/l	99
36) 1,1-Dichloropropene	8.108	75	197006	18.732	ug/l	98
37) Ethyl Acetate	7.291	43	86163	21.658	ug/l	# 94
38) Carbon Tetrachloride	8.097	117	194232	20.168	ug/l	98
39) Methylcyclohexane	9.355	83	186630	16.232	ug/l	97
40) Benzene	8.350	78	611037	20.143	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43506	21.101	ug/l	99
42) 1,2-Dichloroethane	8.420	62	173069	21.019	ug/l	99
43) Isopropyl Acetate	8.450	43	154332	21.184	ug/l	99
44) Trichloroethene	9.108	130	149634	20.342	ug/l	97
45) 1,2-Dichloropropane	9.385	63	167503	21.009	ug/l	96
46) Dibromomethane	9.473	93	80936	20.799	ug/l	96
47) Bromodichloromethane	9.655	83	220325	21.363	ug/l	98
48) Methyl methacrylate	9.450	41	76546	20.897	ug/l	95
49) 1,4-Dioxane	9.461	88	16851	382.571	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	425294	112.727	ug/l	100
52) Toluene	10.397	92	387277	21.225	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	196308	22.643	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	236866	22.249	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	123034	22.602	ug/l	97
56) Ethyl methacrylate	10.655	69	129192	19.623	ug/l	100
57) 1,3-Dichloropropane	10.938	76	212501	22.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	316667	107.706	ug/l	98
59) 2-Hexanone	10.979	43	283715	112.823	ug/l	99
60) Dibromochloromethane	11.132	129	138777	21.854	ug/l	99
61) 1,2-Dibromoethane	11.238	107	111131	22.004	ug/l	99
64) Tetrachloroethene	10.867	164	123172	20.919	ug/l	99
65) Chlorobenzene	11.667	112	405470	21.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	151933	22.081	ug/l	99
67) Ethyl Benzene	11.738	91	698967	20.492	ug/l	97
68) m/p-Xylenes	11.844	106	544889	42.245	ug/l	99
69) o-Xylene	12.173	106	238190	20.280	ug/l	99
70) Styrene	12.191	104	438491	21.394	ug/l	99
71) Bromoform	12.355	173	77022	23.088	ug/l	99
73) Isopropylbenzene	12.473	105	669031	20.226	ug/l	99
74) N-amyl acetate	12.279	43	144538	20.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	147089	22.325	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	98121m	21.743	ug/l	
77) Bromobenzene	12.749	156	149764	20.408	ug/l	98
78) n-propylbenzene	12.814	91	862097	20.555	ug/l	99
79) 2-Chlorotoluene	12.902	91	500648	20.305	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	578215	20.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	38641	23.011	ug/l	97
82) 4-Chlorotoluene	12.996	91	529290	20.457	ug/l	100
83) tert-Butylbenzene	13.214	119	451067	19.721	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	573281	20.596	ug/l	99
85) sec-Butylbenzene	13.391	105	725691	20.189	ug/l	99
86) p-Isopropyltoluene	13.508	119	602163	20.568	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	320217	21.011	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	310843	20.423	ug/l	98
89) n-Butylbenzene	13.832	91	585830	20.197	ug/l	100
90) Hexachloroethane	14.102	117	114993	19.302	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	277634	21.127	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21126	21.528	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	154221	21.110	ug/l	99
94) Hexachlorobutadiene	15.255	225	92482	20.996	ug/l	95
95) Naphthalene	15.385	128	265646	19.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	132999	21.194	ug/l	99

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

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