

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069781.D
 Acq On : 21 Jul 2021 09:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

7/22/2021 6:02:22 PM

Quant Time: Jul 22 03:37:33 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	575631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	967484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	934527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	450406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	333318	46.375	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.740%		
35) Dibromofluoromethane	7.908	113	337490	51.996	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.000%		
50) Toluene-d8	10.338	98	1329883	52.739	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.626	95	438741	52.170	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	322261	54.252	ug/l	95
3) Chloromethane	2.209	50	434575	53.517	ug/l	99
4) Vinyl Chloride	2.344	62	478017	54.592	ug/l	99
5) Bromomethane	2.756	94	296031	54.883	ug/l	96
6) Chloroethane	2.915	64	306125	54.641	ug/l	99
7) Trichlorofluoromethane	3.267	101	601382	54.461	ug/l	100
8) Diethyl Ether	3.709	74	155296	48.203	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	387017	56.517	ug/l	99
10) Methyl Iodide	4.297	142	337907	47.321	ug/l	99
11) Tert butyl alcohol	5.214	59	78680	81.932	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	340973	54.315	ug/l	99
13) Acrolein	3.914	56	117377	236.876	ug/l	93
14) Allyl chloride	4.709	41	495663	51.101	ug/l	98
15) Acrylonitrile	5.414	53	381893	261.409	ug/l	100
16) Acetone	4.150	43	367453	263.163	ug/l	99
17) Carbon Disulfide	4.403	76	1209150	54.543	ug/l	99
18) Methyl Acetate	4.714	43	164210	46.611	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	711588	53.546	ug/l	99
20) Methylene Chloride	4.961	84	445849	44.044	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	403011	53.758	ug/l	100
22) Diisopropyl ether	6.356	45	1135733	56.497	ug/l	99
23) Vinyl Acetate	6.303	43	2761150	244.610	ug/l	99
24) 1,1-Dichloroethane	6.256	63	734325	52.346	ug/l	98
25) 2-Butanone	7.208	43	444387	261.597	ug/l	99
26) 2,2-Dichloropropane	7.203	77	596980	53.339	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	429953	53.166	ug/l	98
28) Bromochloromethane	7.544	49	286985	53.010	ug/l	97
29) Tetrahydrofuran	7.555	42	288498	274.111	ug/l	99
30) Chloroform	7.702	83	754822	54.092	ug/l	96
31) Cyclohexane	7.979	56	669447	54.725	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	635802	53.735	ug/l	99
36) 1,1-Dichloropropene	8.108	75	586818	58.793	ug/l	99
37) Ethyl Acetate	7.291	43	206176	54.608	ug/l	98
38) Carbon Tetrachloride	8.097	117	544379	59.562	ug/l	97
39) Methylcyclohexane	9.349	83	690085	57.571	ug/l	98
40) Benzene	8.350	78	1659476	57.644	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	107176	54.774	ug/l	99
42) 1,2-Dichloroethane	8.420	62	428606	54.851	ug/l	100
43) Isopropyl Acetate	8.450	43	365567	52.874	ug/l	100
44) Trichloroethene	9.108	130	395973	56.723	ug/l	97
45) 1,2-Dichloropropane	9.379	63	428400	56.618	ug/l	95
46) Dibromomethane	9.473	93	208364	56.422	ug/l	99
47) Bromodichloromethane	9.655	83	555320	56.738	ug/l	98
48) Methyl methacrylate	9.455	41	175122	48.821	ug/l	97
49) 1,4-Dioxane	9.455	88	45038	945.414	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	1024991	286.276	ug/l	100
52) Toluene	10.396	92	1052083	60.759	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	460374	55.955	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	547965	54.235	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	299371	57.952	ug/l	98
56) Ethyl methacrylate	10.655	69	347277	52.530	ug/l	97
57) 1,3-Dichloropropane	10.938	76	518289	56.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	814116	275.778	ug/l	99
59) 2-Hexanone	10.979	43	728569	305.291	ug/l	99
60) Dibromochloromethane	11.132	129	349448	57.985	ug/l	99
61) 1,2-Dibromoethane	11.243	107	272241	56.801	ug/l	100
64) Tetrachloroethene	10.867	164	313671	54.964	ug/l	99
65) Chlorobenzene	11.661	112	1046013	56.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	377916	56.670	ug/l	100
67) Ethyl Benzene	11.738	91	1949942	58.983	ug/l	100
68) m/p-Xylenes	11.843	106	1543558	123.473	ug/l	98
69) o-Xylene	12.173	106	684655	60.145	ug/l	97
70) Styrene	12.185	104	1231375	61.987	ug/l	99
71) Bromoform	12.355	173	184945	57.201	ug/l	98
73) Isopropylbenzene	12.473	105	1839958	57.372	ug/l	99
74) N-amyl acetate	12.279	43	359126	51.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	340448	53.294	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	227848m	52.073	ug/l	
77) Bromobenzene	12.755	156	388118	54.547	ug/l	99
78) n-propylbenzene	12.814	91	2403134	59.096	ug/l	100
79) 2-Chlorotoluene	12.896	91	1336596	55.909	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1589880	58.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	82907	50.921	ug/l	100
82) 4-Chlorotoluene	12.996	91	1412655	56.311	ug/l	99
83) tert-Butylbenzene	13.214	119	1288509	58.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1586025	58.767	ug/l	100
85) sec-Butylbenzene	13.390	105	2079388	59.663	ug/l	99
86) p-Isopropyltoluene	13.508	119	1693123	59.645	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	826394	55.925	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	803322	54.437	ug/l	99
89) n-Butylbenzene	13.832	91	1663665	59.155	ug/l	99
90) Hexachloroethane	14.102	117	327743	56.738	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	713258	55.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	46161	48.516	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	396187	55.931	ug/l	98
94) Hexachlorobutadiene	15.255	225	242485	56.779	ug/l	99
95) Naphthalene	15.384	128	698927	49.095	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	342247	56.248	ug/l	100

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

