

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071456.D
 Acq On : 25 Dec 2021 13:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/27/2021
 Supervised By : Mahesh
 Dadoda

01/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	374882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	579679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278048	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	263174	52.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.908	113	233711	55.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.940%	
50) Toluene-d8	10.332	98	872896	55.320	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.626	95	316262	56.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.800%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	179430	45.678	ug/l	98
3) Chloromethane	2.215	50	222253	44.187	ug/l	97
4) Vinyl Chloride	2.356	62	261244	43.341	ug/l	97
5) Bromomethane	2.768	94	181375	43.013	ug/l	97
6) Chloroethane	2.926	64	180887	45.219	ug/l	91
7) Trichlorofluoromethane	3.279	101	367119	49.751	ug/l	95
8) Diethyl Ether	3.709	74	101411	48.005	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	217516	50.668	ug/l	96
10) Methyl Iodide	4.303	142	239525	57.373	ug/l	95
11) Tert butyl alcohol	5.203	59	78340	198.845	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	194699	49.850	ug/l	85
13) Acrolein	3.926	56	77473	322.123	ug/l	97
14) Allyl chloride	4.715	41	377055	51.041	ug/l #	79
15) Acrylonitrile	5.414	53	260278	250.187	ug/l	95
16) Acetone	4.150	43	348970	279.052	ug/l #	84
17) Carbon Disulfide	4.409	76	543583	42.716	ug/l	98
18) Methyl Acetate	4.709	43	181437	47.006	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	515732	51.153	ug/l	95
20) Methylene Chloride	4.962	84	244069	51.762	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	218349	48.268	ug/l	88
22) Diisopropyl ether	6.356	45	781813	51.987	ug/l	91
23) Vinyl Acetate	6.303	43	2067390	266.669	ug/l	97
24) 1,1-Dichloroethane	6.261	63	442765	51.356	ug/l	99
25) 2-Butanone	7.208	43	373612	250.119	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	388848	54.892	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	258771	51.717	ug/l	92
28) Bromochloromethane	7.544	49	172825	48.918	ug/l	91
29) Tetrahydrofuran	7.561	42	225063	250.947	ug/l	92
30) Chloroform	7.703	83	449719	51.697	ug/l	97
31) Cyclohexane	7.985	56	383462	45.339	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	398938	51.709	ug/l	94
36) 1,1-Dichloropropene	8.108	75	337776	50.634	ug/l	98
37) Ethyl Acetate	7.285	43	160735	52.191	ug/l #	93
38) Carbon Tetrachloride	8.097	117	348302	52.922	ug/l	97
39) Methylcyclohexane	9.350	83	383927	49.165	ug/l	98
40) Benzene	8.344	78	911538	50.830	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	86435	47.251	ug/l	#	85
42) 1,2-Dichloroethane	8.420	62	295726	50.571	ug/l		93
43) Isopropyl Acetate	8.444	43	317573	51.961	ug/l	#	89
44) Trichloroethene	9.108	130	239017	51.146	ug/l		98
45) 1,2-Dichloropropane	9.385	63	239090	51.380	ug/l		94
46) Dibromomethane	9.467	93	131949	51.325	ug/l		94
47) Bromodichloromethane	9.655	83	341732	52.355	ug/l		99
48) Methyl methacrylate	9.450	41	146755	48.524	ug/l	#	81
49) 1,4-Dioxane	9.455	88	27192	935.981	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.220	43	818568	254.573	ug/l		91
52) Toluene	10.397	92	600570	52.719	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	327932	53.802	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	374362	53.152	ug/l	#	79
55) 1,1,2-Trichloroethane	10.791	97	170240	52.169	ug/l		97
56) Ethyl methacrylate	10.655	69	227363	52.946	ug/l	#	74
57) 1,3-Dichloropropane	10.938	76	313321	52.418	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	472140	229.528	ug/l		99
59) 2-Hexanone	10.979	43	611610	269.094	ug/l		88
60) Dibromochloromethane	11.132	129	217705	53.071	ug/l		99
61) 1,2-Dibromoethane	11.238	107	167791	51.913	ug/l		99
64) Tetrachloroethene	10.867	164	196790	48.852	ug/l		96
65) Chlorobenzene	11.661	112	618201	51.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.732	131	230955	53.168	ug/l		99
67) Ethyl Benzene	11.738	91	1178085	53.237	ug/l		99
68) m/p-Xylenes	11.849	106	888822	105.721	ug/l		94
69) o-Xylene	12.173	106	415564	54.076	ug/l		94
70) Styrene	12.185	104	722673	54.132	ug/l		96
71) Bromoform	12.349	173	127784	54.362	ug/l	#	100
73) Isopropylbenzene	12.467	105	1144269	53.380	ug/l		100
74) N-amyl acetate	12.279	43	294768	51.253	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	200069	51.623	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	165612m	50.129	ug/l		
77) Bromobenzene	12.749	156	243824	51.116	ug/l		95
78) n-propylbenzene	12.814	91	1426409	53.087	ug/l		100
79) 2-Chlorotoluene	12.896	91	797433	53.105	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	946832	53.550	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	57895	49.515	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	824194	52.915	ug/l		99
83) tert-Butylbenzene	13.214	119	827198	54.750	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	945861	54.052	ug/l		98
85) sec-Butylbenzene	13.391	105	1256286	54.542	ug/l		100
86) p-Isopropyltoluene	13.502	119	1039109	54.370	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	500365	52.086	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	488430	51.853	ug/l		98
89) n-Butylbenzene	13.832	91	1026752	54.736	ug/l		98
90) Hexachloroethane	14.102	117	195991	54.134	ug/l		92
91) 1,2-Dichlorobenzene	13.879	146	424743	52.097	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	32874	48.913	ug/l		95
93) 1,2,4-Trichlorobenzene	15.149	180	262037	52.742	ug/l		97
94) Hexachlorobutadiene	15.255	225	145986	54.851	ug/l		98
95) Naphthalene	15.390	128	494279	52.267	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	219189	51.007	ug/l		97

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

