

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071263.D
 Acq On : 11 Dec 2021 11:20
 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 12 17:49:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 12/12/2021
 Supervised By :Amit
 Patel
 12/13/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	244261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	408205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	374874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	186833	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	142069	49.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.908	113	130902	50.358	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.720%
50) Toluene-d8	10.332	98	464175	46.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.620	95	174306	50.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	90571	43.481	ug/l	98
3) Chloromethane	2.209	50	143310	52.005	ug/l	96
4) Vinyl Chloride	2.350	62	171198	55.684	ug/l	99
5) Bromomethane	2.768	94	119566	53.949	ug/l	96
6) Chloroethane	2.926	64	122233	57.805	ug/l	98
7) Trichlorofluoromethane	3.273	101	206107	49.487	ug/l	97
8) Diethyl Ether	3.709	74	57235	50.692	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	124885	50.825	ug/l	94
10) Methyl Iodide	4.303	142	118015	42.107	ug/l	94
11) Tert butyl alcohol	5.203	59	51028m	284.054	ug/l	
12) 1,1-Dichloroethene	4.073	96	108574	47.881	ug/l	83
13) Acrolein	3.920	56	33426	170.662	ug/l	97
14) Allyl chloride	4.714	41	219220	50.897	ug/l #	81
15) Acrylonitrile	5.420	53	153941	280.348	ug/l	94
16) Acetone	4.156	43	202669	264.290	ug/l #	88
17) Carbon Disulfide	4.409	76	287962	43.374	ug/l	97
18) Methyl Acetate	4.709	43	115066	54.413	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	292897	52.706	ug/l	97
20) Methylene Chloride	4.967	84	145261	50.246	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	130225	51.018	ug/l	91
22) Diisopropyl ether	6.361	45	467646	54.192	ug/l	95
23) Vinyl Acetate	6.303	43	1142163	245.325	ug/l	97
24) 1,1-Dichloroethane	6.261	63	261424	52.670	ug/l	98
25) 2-Butanone	7.203	43	223904	254.191	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	219922	48.726	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	153149	53.034	ug/l	93
28) Bromochloromethane	7.544	49	113215	52.516	ug/l	88
29) Tetrahydrofuran	7.561	42	129195	283.875	ug/l	93
30) Chloroform	7.703	83	269913	54.185	ug/l	98
31) Cyclohexane	7.979	56	222292	45.596	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	236774	52.942	ug/l #	94
36) 1,1-Dichloropropene	8.108	75	195887	51.344	ug/l	96
37) Ethyl Acetate	7.285	43	90105	54.674	ug/l	94
38) Carbon Tetrachloride	8.091	117	204161	54.286	ug/l	98
39) Methylcyclohexane	9.350	83	217661	47.433	ug/l	99
40) Benzene	8.350	78	541999	52.300	ug/l	98

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41) Methacrylonitrile	7.514	41	54668	64.391	ug/l	#	81
42) 1,2-Dichloroethane	8.420	62	176962	55.942	ug/l		93
43) Isopropyl Acetate	8.450	43	181920	50.149	ug/l		90
44) Trichloroethene	9.108	130	142066	51.416	ug/l		92
45) 1,2-Dichloropropane	9.385	63	148371	54.441	ug/l		97
46) Dibromomethane	9.473	93	77331	54.692	ug/l		93
47) Bromodichloromethane	9.655	83	207840	55.582	ug/l		99
48) Methyl methacrylate	9.450	41	86384	53.549	ug/l	#	81
49) 1,4-Dioxane	9.455	88	16950	1241.853	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.220	43	479926	257.239	ug/l		90
52) Toluene	10.397	92	350224	53.263	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	190118	55.299	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	217190	53.184	ug/l	#	80
55) 1,1,2-Trichloroethane	10.796	97	103731	55.923	ug/l		96
56) Ethyl methacrylate	10.655	69	131722	49.408	ug/l	#	75
57) 1,3-Dichloropropane	10.938	76	185472	56.919	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	339275	268.793	ug/l		99
59) 2-Hexanone	10.979	43	354836	252.933	ug/l		88
60) Dibromochloromethane	11.132	129	132388	57.427	ug/l		100
61) 1,2-Dibromoethane	11.238	107	99461	55.832	ug/l		99
64) Tetrachloroethene	10.873	164	116088	48.779	ug/l		96
65) Chlorobenzene	11.667	112	365835	52.596	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	140593	55.360	ug/l		99
67) Ethyl Benzene	11.738	91	690556	52.739	ug/l		97
68) m/p-Xylenes	11.849	106	522583	105.713	ug/l		96
69) o-Xylene	12.173	106	246469	53.048	ug/l		98
70) Styrene	12.185	104	425203	54.301	ug/l		97
71) Bromoform	12.349	173	75360	57.278	ug/l		98
73) Isopropylbenzene	12.473	105	666106	49.238	ug/l		98
74) N-amyl acetate	12.279	43	168833	46.087	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.720	83	120254	53.978	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	103331m	58.049	ug/l		
77) Bromobenzene	12.755	156	144122	49.185	ug/l		98
78) n-propylbenzene	12.814	91	839932	49.856	ug/l		100
79) 2-Chlorotoluene	12.896	91	459642	48.611	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	552669	49.542	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	34354	45.701	ug/l	#	78
82) 4-Chlorotoluene	12.996	91	480963	48.995	ug/l		99
83) tert-Butylbenzene	13.214	119	477476	49.838	ug/l		97
84) 1,2,4-Trimethylbenzene	13.261	105	551053	50.596	ug/l		98
85) sec-Butylbenzene	13.390	105	732901	50.086	ug/l		100
86) p-Isopropyltoluene	13.502	119	612803	51.203	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	300075	51.444	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	297230	51.433	ug/l		99
89) n-Butylbenzene	13.832	91	586672	50.216	ug/l		98
90) Hexachloroethane	14.096	117	118663	52.304	ug/l		93
91) 1,2-Dichlorobenzene	13.879	146	256487	51.707	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18384	50.672	ug/l		92
93) 1,2,4-Trichlorobenzene	15.149	180	156713	50.648	ug/l		99
94) Hexachlorobutadiene	15.249	225	84742	48.405	ug/l		99
95) Naphthalene	15.384	128	289661	53.105	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	136022	51.759	ug/l		99

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

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