

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072945.D
 Acq On : 12 May 2022 13:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 05:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	343264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	511398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184725	41.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.920%		
35) Dibromofluoromethane	7.908	113	191788	50.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.960%		
50) Toluene-d8	10.332	98	700643	51.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.820%		
62) 4-Bromofluorobenzene	12.620	95	258455	50.857	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	216436	45.629	ug/l	96
3) Chloromethane	2.209	50	206097	41.779	ug/l	97
4) Vinyl Chloride	2.350	62	205258	46.371	ug/l	99
5) Bromomethane	2.762	94	140898	51.804	ug/l	90
6) Chloroethane	2.920	64	127618	46.259	ug/l	99
7) Trichlorofluoromethane	3.273	101	388051	50.064	ug/l	100
8) Diethyl Ether	3.709	74	100793	45.358	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	238951	51.926	ug/l	97
10) Methyl Iodide	4.303	142	225792	48.892	ug/l	99
11) Tert butyl alcohol	5.209	59	101685	263.759	ug/l #	81
12) 1,1-Dichloroethene	4.067	96	206357	49.855	ug/l	96
13) Acrolein	3.926	56	24462	79.917	ug/l	96
14) Allyl chloride	4.714	41	333854	49.959	ug/l	92
15) Acrylonitrile	5.420	53	236740	224.168	ug/l	97
16) Acetone	4.150	43	212992	255.703	ug/l	94
17) Carbon Disulfide	4.403	76	585404	44.980	ug/l	100
18) Methyl Acetate	4.714	43	107697	44.390	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	482072	48.583	ug/l	100
20) Methylene Chloride	4.961	84	260102	48.630	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	237394	50.009	ug/l	92
22) Diisopropyl ether	6.361	45	725471	49.351	ug/l #	93
23) Vinyl Acetate	6.303	43	1924095	236.940	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	433003	49.027	ug/l	99
25) 2-Butanone	7.203	43	299368	230.587	ug/l	95
26) 2,2-Dichloropropane	7.208	77	388227	51.996	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	271922	50.014	ug/l	93
28) Bromochloromethane	7.544	49	146480	44.475	ug/l #	82
29) Tetrahydrofuran	7.561	42	188031	227.218	ug/l	93
30) Chloroform	7.708	83	457569	48.963	ug/l	96
31) Cyclohexane	7.985	56	376723	48.365	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	410334	51.520	ug/l	97
36) 1,1-Dichloropropene	8.108	75	344167	55.707	ug/l	96
37) Ethyl Acetate	7.285	43	134269	47.276	ug/l #	96
38) Carbon Tetrachloride	8.091	117	362165	56.471	ug/l	96
39) Methylcyclohexane	9.349	83	402100	56.111	ug/l	98
40) Benzene	8.344	78	965830	54.134	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	79349	46.921	ug/l	91
42) 1,2-Dichloroethane	8.420	62	267192	49.697	ug/l	96
43) Isopropyl Acetate	8.450	43	253936	48.442	ug/l	93
44) Trichloroethene	9.108	130	257599	53.968	ug/l	99
45) 1,2-Dichloropropane	9.379	63	246268	52.559	ug/l	97
46) Dibromomethane	9.467	93	128407	49.681	ug/l	96
47) Bromodichloromethane	9.649	83	345161	51.912	ug/l	98
48) Methyl methacrylate	9.449	41	130859	51.028	ug/l	91
49) 1,4-Dioxane	9.455	88	29346	1008.279	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	681512	250.193	ug/l	93
52) Toluene	10.396	92	623113	55.988	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	315831	51.714	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	375008	52.852	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	183017	52.380	ug/l	96
56) Ethyl methacrylate	10.655	69	218865	53.201	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	304602	50.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	508155	254.768	ug/l	96
59) 2-Hexanone	10.973	43	485057	264.639	ug/l	95
60) Dibromochloromethane	11.132	129	227082	51.627	ug/l	99
61) 1,2-Dibromoethane	11.238	107	171927	50.554	ug/l	100
64) Tetrachloroethene	10.867	164	211939	56.684	ug/l	99
65) Chlorobenzene	11.661	112	652396	55.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	248213	55.837	ug/l	99
67) Ethyl Benzene	11.732	91	1205438	58.887	ug/l	98
68) m/p-Xylenes	11.843	106	933059	118.330	ug/l	99
69) o-Xylene	12.173	106	430227	58.421	ug/l	97
70) Styrene	12.185	104	753507	59.055	ug/l	98
71) Bromoform	12.349	173	126533	52.521	ug/l #	98
73) Isopropylbenzene	12.467	105	1186370	60.946	ug/l	100
74) N-amyl acetate	12.279	43	253016	52.194	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	200531	51.033	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	143944m	51.596	ug/l	
77) Bromobenzene	12.749	156	255828	55.345	ug/l	96
78) n-propylbenzene	12.808	91	1473993	60.080	ug/l	99
79) 2-Chlorotoluene	12.896	91	821747	57.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	996533	60.375	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	63414	52.270	ug/l	90
82) 4-Chlorotoluene	12.990	91	860284	57.452	ug/l	99
83) tert-Butylbenzene	13.208	119	876360	62.451	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	985558	59.736	ug/l	100
85) sec-Butylbenzene	13.390	105	1313522	62.061	ug/l	99
86) p-Isopropyltoluene	13.502	119	1074248	61.906	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	524830	56.361	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	516101	55.655	ug/l	100
89) n-Butylbenzene	13.826	91	1047026	62.286	ug/l	99
90) Hexachloroethane	14.096	117	210274	59.151	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	447622	55.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	31624	50.770	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	275360	57.293	ug/l	99
94) Hexachlorobutadiene	15.249	225	153736	58.570	ug/l	98
95) Naphthalene	15.379	128	497742	56.327	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	244891	57.480	ug/l	98

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

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