

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073846.D
 Acq On : 12 Jul 2022 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 13 04:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	7671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	16618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	18184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	9780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9961	96.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.900%#	
35) Dibromofluoromethane	7.897	113	6803	61.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.760%	
50) Toluene-d8	10.326	98	16651	43.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 86.880%	
62) 4-Bromofluorobenzene	12.620	95	13116	80.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 161.500%#	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1285	29.536	ug/l	79
3) Chloromethane	2.203	50	2639	59.025	ug/l	95
4) Vinyl Chloride	2.338	62	2815	46.318	ug/l #	83
5) Bromomethane	2.768	94	3348	78.651	ug/l	84
6) Chloroethane	2.915	64	2732	49.294	ug/l #	77
7) Trichlorofluoromethane	3.262	101	3527	32.346	ug/l	97
8) Diethyl Ether	3.703	74	3018	87.838	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	1991	29.599	ug/l #	69
10) Methyl Iodide	4.297	142	1625	37.229	ug/l #	92
11) Tert butyl alcohol	5.220	59	7915	348.864	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	2464	47.773	ug/l #	42
13) Acrolein	3.915	56	2503	773.670	ug/l #	75
14) Allyl chloride	4.714	41	5486	55.166	ug/l	96
15) Acrylonitrile	5.414	53	21196	1075.925	ug/l	97
16) Acetone	4.156	43	19965	1134.185	ug/l	93
17) Carbon Disulfide	4.409	76	2421	36.087	ug/l #	91
18) Methyl Acetate	4.720	43	9238	228.566	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	21881	109.997	ug/l	95
20) Methylene Chloride	4.962	84	7161	102.654	ug/l #	93
21) trans-1,2-Dichloroethene	5.467	96	2755	45.386	ug/l #	67
22) Diisopropyl ether	6.361	45	21133	77.848	ug/l	99
23) Vinyl Acetate	6.297	43	91991	659.508	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	9301	62.715	ug/l	95
25) 2-Butanone	7.197	43	30793	1162.805	ug/l	93
26) 2,2-Dichloropropane	7.191	77	5604	39.690	ug/l	90
27) cis-1,2-Dichloroethene	7.203	96	5762	66.130	ug/l	87
28) Bromochloromethane	7.532	49	5148	85.110	ug/l #	98
29) Tetrahydrofuran	7.561	42	19061	1208.457	ug/l	95
30) Chloroform	7.697	83	11027	66.149	ug/l	96
31) Cyclohexane	7.985	56	3004	34.756	ug/l #	68
32) 1,1,1-Trichloroethane	7.891	97	6446	46.248	ug/l	92
36) 1,1-Dichloropropene	8.103	75	3538	31.808	ug/l #	78
37) Ethyl Acetate	7.285	43	12994	190.855	ug/l	99
38) Carbon Tetrachloride	8.091	117	4455	35.069	ug/l	92
39) Methylcyclohexane	9.350	83	3260	28.315	ug/l #	79
40) Benzene	8.344	78	15544	46.940	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	6972	156.310	ug/l	# 77
42) 1,2-Dichloroethane	8.408	62	10233	86.765	ug/l	95
43) Isopropyl Acetate	8.444	43	19081	142.487	ug/l	95
44) Trichloroethene	9.102	130	3890	45.019	ug/l	98
45) 1,2-Dichloropropane	9.379	63	6051	61.751	ug/l	# 89
46) Dibromomethane	9.467	93	5580	104.643	ug/l	96
47) Bromodichloromethane	9.649	83	10169	67.427	ug/l	# 79
48) Methyl methacrylate	9.444	41	9391	154.388	ug/l	94
49) 1,4-Dioxane	9.450	88	3085	4525.872	ug/l	# 84
51) 4-Methyl-2-Pentanone	10.214	43	65655	920.041	ug/l	99
52) Toluene	10.397	92	9755	43.868	ug/l	84
53) t-1,3-Dichloropropene	10.608	75	10605	76.518	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	10722	69.977	ug/l	97
55) 1,1,2-Trichloroethane	10.785	97	7858	97.931	ug/l	# 89
56) Ethyl methacrylate	10.655	69	11482	118.274	ug/l	# 85
57) 1,3-Dichloropropane	10.932	76	12571	92.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	20402	527.589	ug/l	100
59) 2-Hexanone	10.973	43	45725	941.175	ug/l	99
60) Dibromochloromethane	11.132	129	8760	88.015	ug/l	97
61) 1,2-Dibromoethane	11.238	107	7862	109.077	ug/l	98
64) Tetrachloroethene	10.861	164	2532	32.337	ug/l	# 81
65) Chlorobenzene	11.661	112	14672	48.805	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	6568	55.024	ug/l	98
67) Ethyl Benzene	11.732	91	21638	38.578	ug/l	92
68) m/p-Xylenes	11.838	106	15802	76.821	ug/l	93
69) o-Xylene	12.167	106	8967	43.970	ug/l	94
70) Styrene	12.179	104	16890	47.831	ug/l	94
71) Bromoform	12.349	173	5900	95.292	ug/l	# 99
73) Isopropylbenzene	12.467	105	21332	31.917	ug/l	96
74) N-amyl acetate	12.279	43	18293	99.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	14290	102.819	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	10101m	95.470	ug/l	
77) Bromobenzene	12.749	156	6290	44.908	ug/l	77
78) n-propylbenzene	12.802	91	26385	31.254	ug/l	99
79) 2-Chlorotoluene	12.896	91	17864	36.793	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	20327	36.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	3475	86.318	ug/l	# 72
82) 4-Chlorotoluene	12.996	91	21333	42.011	ug/l	92
83) tert-Butylbenzene	13.208	119	16146	32.883	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	20924	37.433	ug/l	97
85) sec-Butylbenzene	13.390	105	23365	30.605	ug/l	98
86) p-Isopropyltoluene	13.502	119	19415	31.582	ug/l	93
87) 1,3-Dichlorobenzene	13.502	146	12381	41.124	ug/l	94
88) 1,4-Dichlorobenzene	13.573	146	12976	44.013	ug/l	90
89) n-Butylbenzene	13.826	91	21102	34.209	ug/l	98
90) Hexachloroethane	14.090	117	4102	34.469	ug/l	90
91) 1,2-Dichlorobenzene	13.873	146	13125	49.502	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3266	140.165	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	8283	54.822	ug/l	95
94) Hexachlorobutadiene	15.243	225	2418	33.634	ug/l	# 54
95) Naphthalene	15.379	128	33013	100.086	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	8363	63.670	ug/l	94

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

07/13/2022

