

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070725.D
 Acq On : 21 Jan 2022 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 05:26:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	751309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1198957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1113951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	495480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	531279	49.341	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.680%		
35) Dibromofluoromethane	8.018	113	378482	50.891	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.780%		
50) Toluene-d8	10.438	98	1566709	50.005	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.020%		
62) 4-Bromofluorobenzene	12.725	95	583672	52.279	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	429909	49.519	ug/l	99
3) Chloromethane	2.303	50	591853	46.638	ug/l	99
4) Vinyl Chloride	2.453	62	611758	50.685	ug/l	98
5) Bromomethane	2.861	94	378748	60.250	ug/l	100
6) Chloroethane	3.025	64	408893	54.287	ug/l	96
7) Trichlorofluoromethane	3.384	101	779012	56.498	ug/l	97
8) Diethyl Ether	3.824	74	293236	48.685	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.215	101	410812	49.297	ug/l	95
10) Methyl Iodide	4.425	142	545241	50.739	ug/l	99
11) Tert butyl alcohol	5.366	59	380953	196.106	ug/l	98
12) 1,1-Dichloroethene	4.186	96	397993	47.884	ug/l	90
13) Acrolein	4.041	56	703028	252.340	ug/l	100
14) Allyl chloride	4.843	41	914843	50.517	ug/l	86
15) Acrylonitrile	5.551	53	1387447	224.514	ug/l	99
16) Acetone	4.282	43	1689046	226.008	ug/l	98
17) Carbon Disulfide	4.532	76	1128153	49.977	ug/l	99
18) Methyl Acetate	4.854	43	640089	43.551	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1542504	51.950	ug/l	95
20) Methylene Chloride	5.095	84	478962	48.654	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	421993	50.446	ug/l #	82
22) Diisopropyl ether	6.492	45	1830921	51.008	ug/l	93
23) Vinyl Acetate	6.431	43	7833699	257.452	ug/l	95
24) 1,1-Dichloroethane	6.385	63	923897	51.455	ug/l	98
25) 2-Butanone	7.329	43	2114582	224.858	ug/l	93
26) 2,2-Dichloropropane	7.321	77	747611	54.308	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	502735	50.591	ug/l	84
28) Bromochloromethane	7.656	49	363280	45.064	ug/l #	77
29) Tetrahydrofuran	7.681	42	1264556	219.611	ug/l	87
30) Chloroform	7.815	83	880531	50.222	ug/l	99
31) Cyclohexane	8.094	56	914333	48.223	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	748674	53.720	ug/l	98
36) 1,1-Dichloropropene	8.220	75	678848	54.220	ug/l	96
37) Ethyl Acetate	7.407	43	783726	47.150	ug/l	97
38) Carbon Tetrachloride	8.204	117	628524	56.429	ug/l	98
39) Methylcyclohexane	9.459	83	840598	54.384	ug/l	88
40) Benzene	8.456	78	2007144	51.737	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	407449	48.181	ug/l	88
42) 1,2-Dichloroethane	8.528	62	720820	53.586	ug/l	98
43) Isopropyl Acetate	8.558	43	1259974	49.627	ug/l #	96
44) Trichloroethene	9.212	130	462346	52.570	ug/l	89
45) 1,2-Dichloropropane	9.485	63	555006	52.581	ug/l	100
46) Dibromomethane	9.574	93	323450	52.701	ug/l	94
47) Bromodichloromethane	9.759	83	679368	54.151	ug/l	99
48) Methyl methacrylate	9.558	41	623880	51.581	ug/l #	80
49) 1,4-Dioxane	9.566	88	150303	827.291	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	3878860	239.430	ug/l	98
52) Toluene	10.502	92	1242592	53.546	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	767719	50.440	ug/l	98
54) cis-1,3-Dichloropropene	10.185	75	844559	56.133	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	470607	51.622	ug/l	97
56) Ethyl methacrylate	10.757	69	801019	46.375	ug/l	89
57) 1,3-Dichloropropane	11.041	76	854015	52.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	732609	173.652	ug/l	90
59) 2-Hexanone	11.081	43	2939367	249.758	ug/l	96
60) Dibromochloromethane	11.234	129	483431	56.851	ug/l	100
61) 1,2-Dibromoethane	11.341	107	473085	51.687	ug/l	100
64) Tetrachloroethene	10.974	164	427630	52.357	ug/l	95
65) Chlorobenzene	11.768	112	1274139	52.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	454272	54.659	ug/l	99
67) Ethyl Benzene	11.840	91	2439309	54.514	ug/l	95
68) m/p-Xylenes	11.950	106	1788913	109.895	ug/l	90
69) o-Xylene	12.275	106	872240	53.994	ug/l	88
70) Styrene	12.291	104	1460151	56.500	ug/l	95
71) Bromoform	12.454	173	348175	55.460	ug/l #	100
73) Isopropylbenzene	12.575	105	2344587	50.018	ug/l	98
74) N-amyl acetate	12.385	43	950529	49.596	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	715041	45.168	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	638550m	48.591	ug/l	
77) Bromobenzene	12.857	156	526796	50.125	ug/l	77
78) n-propylbenzene	12.916	91	2798909	53.391	ug/l	95
79) 2-Chlorotoluene	13.004	91	1685849	50.838	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	1981640	52.277	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	220326	49.948	ug/l	93
82) 4-Chlorotoluene	13.101	91	1658114	53.516	ug/l	91
83) tert-Butylbenzene	13.318	119	1688007	51.156	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	1952065	53.574	ug/l	97
85) sec-Butylbenzene	13.498	105	2406952	53.655	ug/l	97
86) p-Isopropyltoluene	13.610	119	1976494	56.087	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	943942	53.993	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	917747	52.748	ug/l	97
89) n-Butylbenzene	13.940	91	1688273	58.073	ug/l	96
90) Hexachloroethane	14.206	117	332951	54.050	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	893402	51.722	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	127010	47.297	ug/l	76
93) 1,2,4-Trichlorobenzene	15.260	180	459842	50.218	ug/l	97
94) Hexachlorobutadiene	15.364	225	295442	57.752	ug/l	99
95) Naphthalene	15.501	128	1110552	43.895	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	430820	49.284	ug/l	98

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

