

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070723.D
 Acq On : 20 Jan 2022 16:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:15:53 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

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	799174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1293821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1197091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	534534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	554044	48.374	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.021	113	393762	49.063	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.120%		
50) Toluene-d8	10.440	98	1649123	48.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.728	95	611348	50.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	411612	44.572	ug/l	100
3) Chloromethane	2.303	50	557439	41.296	ug/l	98
4) Vinyl Chloride	2.448	62	553966	43.148	ug/l	98
5) Bromomethane	2.848	94	329547	49.283	ug/l	99
6) Chloroethane	3.017	64	347881	43.420	ug/l	97
7) Trichlorofluoromethane	3.376	101	708722	48.322	ug/l	98
8) Diethyl Ether	3.824	74	327219	51.074	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	389958	43.992	ug/l	94
10) Methyl Iodide	4.419	142	519717	45.467	ug/l	100
11) Tert butyl alcohol	5.374	59	457339	221.327	ug/l	98
12) 1,1-Dichloroethene	4.178	96	376014	42.530	ug/l	90
13) Acrolein	4.039	56	663677	223.948	ug/l	100
14) Allyl chloride	4.838	41	884579	45.920	ug/l #	84
15) Acrylonitrile	5.551	53	1466057	223.026	ug/l	99
16) Acetone	4.285	43	1514348	190.496	ug/l	98
17) Carbon Disulfide	4.527	76	1031630	42.964	ug/l	99
18) Methyl Acetate	4.854	43	676772	43.289	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1486486	47.065	ug/l	93
20) Methylene Chloride	5.095	84	455106	43.462	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	403272	45.321	ug/l	85
22) Diisopropyl ether	6.495	45	1756284	45.998	ug/l	92
23) Vinyl Acetate	6.431	43	7626225	235.623	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	870783	45.593	ug/l	98
25) 2-Butanone	7.332	43	2113729	211.305	ug/l	92
26) 2,2-Dichloropropane	7.324	77	675384	46.122	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	475895	45.022	ug/l	85
28) Bromochloromethane	7.657	49	408906	47.685	ug/l #	75
29) Tetrahydrofuran	7.683	42	1365099	222.873	ug/l	87
30) Chloroform	7.817	83	825166	44.184	ug/l	99
31) Cyclohexane	8.094	56	877505	43.509	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	693233	46.762	ug/l	97
36) 1,1-Dichloropropene	8.220	75	637527	47.186	ug/l	96
37) Ethyl Acetate	7.413	43	820727	45.755	ug/l	97
38) Carbon Tetrachloride	8.204	117	573859	47.744	ug/l	97
39) Methylcyclohexane	9.459	83	799372	47.925	ug/l	88
40) Benzene	8.458	78	1909971	45.623	ug/l	99

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41) Methacrylonitrile	7.635	41	403029	44.164	ug/l	90
42) 1,2-Dichloroethane	8.528	62	678968	46.773	ug/l	99
43) Isopropyl Acetate	8.560	43	1283541	46.849	ug/l #	96
44) Trichloroethene	9.215	130	436337	45.975	ug/l	89
45) 1,2-Dichloropropane	9.488	63	528638	46.411	ug/l	99
46) Dibromomethane	9.574	93	312019	47.111	ug/l	94
47) Bromodichloromethane	9.759	83	633462	46.790	ug/l	99
48) Methyl methacrylate	9.558	41	628979	48.190	ug/l #	80
49) 1,4-Dioxane	9.569	88	193269	985.785	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	4070631	232.844	ug/l	98
52) Toluene	10.505	92	1180350	47.135	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	717173	43.987	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	790406	48.682	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	452036	45.949	ug/l	97
56) Ethyl methacrylate	10.760	69	804735	43.333	ug/l	89
57) 1,3-Dichloropropane	11.044	76	819144	47.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1021375	218.148	ug/l	90
59) 2-Hexanone	11.084	43	2988575	235.320	ug/l	97
60) Dibromochloromethane	11.237	129	442658	48.239	ug/l	99
61) 1,2-Dibromoethane	11.344	107	458241	46.394	ug/l	100
64) Tetrachloroethene	10.977	164	383306	43.671	ug/l	94
65) Chlorobenzene	11.768	112	1211774	46.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	428634	47.992	ug/l	99
67) Ethyl Benzene	11.843	91	2302958	47.892	ug/l	95
68) m/p-Xylenes	11.950	106	1697758	97.052	ug/l	91
69) o-Xylene	12.280	106	833023	47.985	ug/l	90
70) Styrene	12.294	104	1393415	50.173	ug/l	95
71) Bromoform	12.457	173	323550	47.959	ug/l #	99
73) Isopropylbenzene	12.578	105	2229254	44.083	ug/l	98
74) N-amyl acetate	12.385	43	980774	47.435	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	718558	42.074	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	699101m	49.311	ug/l	
77) Bromobenzene	12.860	156	493495	43.525	ug/l	75
78) n-propylbenzene	12.919	91	2609124	46.135	ug/l	96
79) 2-Chlorotoluene	13.007	91	1583085	44.251	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1864672	45.597	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	218262	45.865	ug/l	94
82) 4-Chlorotoluene	13.104	91	1546944	46.280	ug/l	91
83) tert-Butylbenzene	13.321	119	1594684	44.797	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	1823357	46.385	ug/l	96
85) sec-Butylbenzene	13.501	105	2270751	46.921	ug/l	97
86) p-Isopropyltoluene	13.613	119	1839047	48.374	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	877252	46.512	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	855665	45.587	ug/l	97
89) n-Butylbenzene	13.940	91	1547373	49.337	ug/l	96
90) Hexachloroethane	14.209	117	301784	45.412	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	843423	45.261	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	128245	44.268	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	422104	43.240	ug/l	98
94) Hexachlorobutadiene	15.367	225	269717	48.871	ug/l	99
95) Naphthalene	15.504	128	1062666	39.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	401759	43.038	ug/l	98

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

