

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070745.D
 Acq On : 24 Jan 2022 10:11
 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 24 23:27:52 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	734303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1182607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1104525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	479345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	514798	48.918	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.840%		
35) Dibromofluoromethane	8.019	113	367584	50.109	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.220%		
50) Toluene-d8	10.438	98	1521170	49.223	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.728	95	569950	51.756	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	413630	48.747	ug/l	99
3) Chloromethane	2.303	50	556855	44.897	ug/l	98
4) Vinyl Chloride	2.451	62	615244	52.154	ug/l	99
5) Bromomethane	2.851	94	341119	55.521	ug/l	99
6) Chloroethane	3.019	64	377723	51.310	ug/l	97
7) Trichlorofluoromethane	3.379	101	779724	57.860	ug/l	98
8) Diethyl Ether	3.824	74	353294	60.015	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	462230	56.752	ug/l	95
10) Methyl Iodide	4.422	142	546504	52.034	ug/l	99
11) Tert butyl alcohol	5.372	59	412466	217.246	ug/l	98
12) 1,1-Dichloroethene	4.181	96	454655	55.968	ug/l	93
13) Acrolein	4.039	56	757038	278.019	ug/l	100
14) Allyl chloride	4.841	41	893674	50.491	ug/l	86
15) Acrylonitrile	5.551	53	1366460	226.239	ug/l	99
16) Acetone	4.283	43	2122095	290.530	ug/l	97
17) Carbon Disulfide	4.532	76	1089595	49.387	ug/l	99
18) Methyl Acetate	4.851	43	630688	43.905	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	1515101	52.209	ug/l	93
20) Methylene Chloride	5.095	84	463925	48.218	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	416122	50.897	ug/l	84
22) Diisopropyl ether	6.493	45	1801598	51.353	ug/l	92
23) Vinyl Acetate	6.431	43	7616627	256.116	ug/l	95
24) 1,1-Dichloroethane	6.383	63	897268	51.130	ug/l	98
25) 2-Butanone	7.329	43	2270697	247.051	ug/l	92
26) 2,2-Dichloropropane	7.324	77	735021	54.630	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	491731	50.630	ug/l	84
28) Bromochloromethane	7.654	49	389622	49.451	ug/l #	76
29) Tetrahydrofuran	7.681	42	1257822	223.500	ug/l	88
30) Chloroform	7.815	83	858149	50.077	ug/l	99
31) Cyclohexane	8.091	56	882486	47.622	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	731248	53.684	ug/l	97
36) 1,1-Dichloropropene	8.217	75	662628	53.656	ug/l	96
37) Ethyl Acetate	7.407	43	760325	46.374	ug/l	98
38) Carbon Tetrachloride	8.204	117	615755	56.047	ug/l	98
39) Methylcyclohexane	9.456	83	832234	54.587	ug/l	88
40) Benzene	8.456	78	1960465	51.233	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	380263	45.588	ug/l	91
42) 1,2-Dichloroethane	8.526	62	708213	53.376	ug/l	99
43) Isopropyl Acetate	8.555	43	1249419	49.892	ug/l #	96
44) Trichloroethene	9.212	130	456483	52.621	ug/l	89
45) 1,2-Dichloropropane	9.486	63	539159	51.786	ug/l	100
46) Dibromomethane	9.574	93	321291	53.073	ug/l	94
47) Bromodichloromethane	9.759	83	676886	54.699	ug/l	98
48) Methyl methacrylate	9.555	41	611734	51.276	ug/l #	78
49) 1,4-Dioxane	9.566	88	171441	956.684	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	3876374	242.584	ug/l	98
52) Toluene	10.502	92	1207670	52.761	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	764508	50.900	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	828987	55.860	ug/l	97
55) 1,1,2-Trichloroethane	10.894	97	467016	51.936	ug/l	99
56) Ethyl methacrylate	10.757	69	797547	46.790	ug/l	89
57) 1,3-Dichloropropane	11.041	76	837862	52.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	850503	200.625	ug/l	90
59) 2-Hexanone	11.082	43	3059137	263.528	ug/l	96
60) Dibromochloromethane	11.234	129	481267	57.379	ug/l	99
61) 1,2-Dibromoethane	11.342	107	467282	51.758	ug/l	100
64) Tetrachloroethene	10.974	164	415120	51.259	ug/l	95
65) Chlorobenzene	11.765	112	1256655	52.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	453201	54.995	ug/l	99
67) Ethyl Benzene	11.841	91	2397384	54.034	ug/l	96
68) m/p-Xylenes	11.950	106	1761580	109.140	ug/l	90
69) o-Xylene	12.278	106	871157	54.387	ug/l	90
70) Styrene	12.291	104	1447312	56.481	ug/l	95
71) Bromoform	12.455	173	354300	56.918	ug/l #	100
73) Isopropylbenzene	12.575	105	2306946	50.872	ug/l	98
74) N-amyl acetate	12.385	43	898302	48.448	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	698488	45.608	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	642036m	50.500	ug/l	
77) Bromobenzene	12.857	156	517925	50.939	ug/l	76
78) n-propylbenzene	12.916	91	2734200	53.913	ug/l	96
79) 2-Chlorotoluene	13.004	91	1649786	51.425	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	1949525	53.161	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	221799	51.974	ug/l	92
82) 4-Chlorotoluene	13.101	91	1616679	53.935	ug/l	91
83) tert-Butylbenzene	13.321	119	1659018	51.970	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	1913551	54.284	ug/l	97
85) sec-Butylbenzene	13.498	105	2390039	55.072	ug/l	97
86) p-Isopropyltoluene	13.613	119	1931388	56.652	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	908669	53.724	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	884495	52.549	ug/l	97
89) n-Butylbenzene	13.940	91	1634127	58.102	ug/l	97
90) Hexachloroethane	14.209	117	338070	56.729	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	861725	51.568	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	124331	47.858	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	433968	49.072	ug/l	98
94) Hexachlorobutadiene	15.367	225	290844	58.767	ug/l	99
95) Naphthalene	15.504	128	1007360	41.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	409253	48.451	ug/l	98

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

