

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070816.D
 Acq On : 27 Jan 2022 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 00:38:54 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	8.086	168	600919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	978909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	930285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	430785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	457674	53.143	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.280%			
35) Dibromofluoromethane	8.021	113	315542	51.965	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.940%			
50) Toluene-d8	10.440	98	1284498	50.214	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.728	95	492598	54.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	297287	42.813	ug/l	98
3) Chloromethane	2.306	50	493257	48.597	ug/l	97
4) Vinyl Chloride	2.451	62	523380	54.215	ug/l	99
5) Bromomethane	2.866	94	304382	60.538	ug/l	98
6) Chloroethane	3.027	64	317458	52.695	ug/l	99
7) Trichlorofluoromethane	3.381	101	647651	58.727	ug/l	96
8) Diethyl Ether	3.827	74	212968	44.208	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	290588	43.597	ug/l	96
10) Methyl Iodide	4.422	142	397918	46.296	ug/l	97
11) Tert butyl alcohol	5.371	59	309747	199.356	ug/l	99
12) 1,1-Dichloroethene	4.183	96	288016	43.325	ug/l	90
13) Acrolein	4.041	56	508170	228.047	ug/l	97
14) Allyl chloride	4.843	41	647364	44.693	ug/l #	80
15) Acrylonitrile	5.554	53	1119510	226.495	ug/l	100
16) Acetone	4.285	43	1031948	172.641	ug/l	98
17) Carbon Disulfide	4.532	76	767736	42.522	ug/l	100
18) Methyl Acetate	4.856	43	503186	42.805	ug/l	94
19) Methyl tert-butyl Ether	5.615	73	1184290	49.868	ug/l	96
20) Methylene Chloride	5.098	84	350669	44.537	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	311469	46.552	ug/l	86
22) Diisopropyl ether	6.498	45	1323649	46.104	ug/l	92
23) Vinyl Acetate	6.433	43	5728105	235.366	ug/l	95
24) 1,1-Dichloroethane	6.388	63	672246	46.810	ug/l	98
25) 2-Butanone	7.332	43	1541429	204.932	ug/l	93
26) 2,2-Dichloropropane	7.324	77	540894	49.125	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	370149	46.571	ug/l	85
28) Bromochloromethane	7.656	49	293923	45.585	ug/l #	78
29) Tetrahydrofuran	7.683	42	1029594	223.555	ug/l	90
30) Chloroform	7.817	83	669491	47.716	ug/l	100
31) Cyclohexane	8.094	56	636035	41.941	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	575767	51.652	ug/l	97
36) 1,1-Dichloropropene	8.220	75	489032	47.839	ug/l	96
37) Ethyl Acetate	7.412	43	617528	45.502	ug/l	97
38) Carbon Tetrachloride	8.206	117	488818	53.752	ug/l	98
39) Methylcyclohexane	9.459	83	583206	46.213	ug/l	89
40) Benzene	8.458	78	1469570	46.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	323688	46.881	ug/l	88
42) 1,2-Dichloroethane	8.528	62	566614	51.590	ug/l	98
43) Isopropyl Acetate	8.560	43	1007457	48.601	ug/l	96
44) Trichloroethene	9.215	130	339224	47.241	ug/l	90
45) 1,2-Dichloropropane	9.488	63	402638	46.721	ug/l	99
46) Dibromomethane	9.577	93	252344	50.358	ug/l	94
47) Bromodichloromethane	9.759	83	526534	51.403	ug/l	99
48) Methyl methacrylate	9.558	41	488918	49.509	ug/l #	81
49) 1,4-Dioxane	9.566	88	98825	666.222	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	3171009	239.736	ug/l	98
52) Toluene	10.505	92	922891	48.709	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	582345	47.032	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	624363	50.826	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	363279	48.807	ug/l	98
56) Ethyl methacrylate	10.760	69	620391	44.109	ug/l	92
57) 1,3-Dichloropropane	11.041	76	646708	49.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	761702	215.326	ug/l	91
59) 2-Hexanone	11.084	43	2245950	233.736	ug/l	97
60) Dibromochloromethane	11.237	129	381206	54.907	ug/l	99
61) 1,2-Dibromoethane	11.344	107	368903	49.364	ug/l	99
64) Tetrachloroethene	10.974	164	296765	43.508	ug/l	94
65) Chlorobenzene	11.768	112	957867	47.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	351210	50.601	ug/l	100
67) Ethyl Benzene	11.843	91	1821390	48.741	ug/l	96
68) m/p-Xylenes	11.950	106	1320073	97.104	ug/l	89
69) o-Xylene	12.278	106	655357	48.578	ug/l	90
70) Styrene	12.291	104	1085952	50.316	ug/l	94
71) Bromoform	12.455	173	277850	52.996	ug/l #	99
73) Isopropylbenzene	12.575	105	1743021	42.769	ug/l	97
74) N-amyl acetate	12.385	43	717329	43.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	579539	42.107	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	555627m	48.630	ug/l	
77) Bromobenzene	12.859	156	393012	43.011	ug/l	75
78) n-propylbenzene	12.919	91	2020884	44.339	ug/l	95
79) 2-Chlorotoluene	13.004	91	1244290	43.157	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	1466135	44.486	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.623	75	171813	44.800	ug/l	95
82) 4-Chlorotoluene	13.104	91	1206354	44.783	ug/l	91
83) tert-Butylbenzene	13.321	119	1273694	44.397	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1427658	45.066	ug/l	97
85) sec-Butylbenzene	13.500	105	1779069	45.615	ug/l	97
86) p-Isopropyltoluene	13.613	119	1429899	46.670	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	695825	45.778	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	675709	44.670	ug/l	97
89) n-Butylbenzene	13.940	91	1195214	47.287	ug/l	97
90) Hexachloroethane	14.209	117	255846	47.771	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	671997	44.747	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	109084	46.722	ug/l	77
93) 1,2,4-Trichlorobenzene	15.260	180	332649	42.359	ug/l	97
94) Hexachlorobutadiene	15.367	225	208733	46.930	ug/l	99
95) Naphthalene	15.504	128	836588	38.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	314849	41.939	ug/l	97

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

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