

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070602.D
 Acq On : 13 Jan 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 04:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	838634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1338963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1267841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	549090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	564818	46.842	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.680%		
35) Dibromofluoromethane	8.019	113	418822	51.697	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.400%		
50) Toluene-d8	10.440	98	1703504	51.473	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.728	95	655706	54.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	390269	41.035	ug/l	98
3) Chloromethane	2.303	50	545155	42.138	ug/l	100
4) Vinyl Chloride	2.448	62	496981	42.193	ug/l	99
5) Bromomethane	2.842	94	293994	48.358	ug/l	98
6) Chloroethane	3.014	64	334643	47.176	ug/l	100
7) Trichlorofluoromethane	3.376	101	680379	47.991	ug/l	97
8) Diethyl Ether	3.824	74	299082	47.854	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	420585	48.503	ug/l	96
10) Methyl Iodide	4.419	142	537341	45.789	ug/l	98
11) Tert butyl alcohol	5.374	59	454953	226.603	ug/l	99
12) 1,1-Dichloroethene	4.178	96	392657	45.973	ug/l	92
13) Acrolein	4.039	56	416000	255.367	ug/l	100
14) Allyl chloride	4.838	41	936608	48.367	ug/l #	83
15) Acrylonitrile	5.551	53	1613690	257.567	ug/l	99
16) Acetone	4.283	43	1813159	231.640	ug/l	97
17) Carbon Disulfide	4.529	76	980622	42.061	ug/l	98
18) Methyl Acetate	4.851	43	1121928	49.550	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1580745	49.836	ug/l	95
20) Methylene Chloride	5.093	84	496646	45.859	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	424420	46.932	ug/l	88
22) Diisopropyl ether	6.495	45	1943630	51.531	ug/l #	89
23) Vinyl Acetate	6.431	43	7445945	254.441	ug/l #	94
24) 1,1-Dichloroethane	6.383	63	946581	48.401	ug/l	98
25) 2-Butanone	7.332	43	2434423	247.005	ug/l	92
26) 2,2-Dichloropropane	7.324	77	724751	46.975	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	522556	48.427	ug/l	86
28) Bromochloromethane	7.654	49	492826	51.527	ug/l #	76
29) Tetrahydrofuran	7.683	42	1496228	254.448	ug/l	87
30) Chloroform	7.817	83	900089	47.706	ug/l	100
31) Cyclohexane	8.094	56	882476	46.378	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	735341	46.224	ug/l	97
36) 1,1-Dichloropropene	8.220	75	661391	49.351	ug/l	97
37) Ethyl Acetate	7.410	43	893700	51.446	ug/l	96
38) Carbon Tetrachloride	8.204	117	607665	47.484	ug/l	100
39) Methylcyclohexane	9.459	83	807820	49.789	ug/l	89
40) Benzene	8.458	78	2076876	50.548	ug/l	99

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41) Methacrylonitrile	7.632	41	482035	55.477	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	729354	47.227	ug/l	99
43) Isopropyl Acetate	8.558	43	1407541	51.392	ug/l #	95
44) Trichloroethene	9.215	130	473223	48.473	ug/l	91
45) 1,2-Dichloropropane	9.488	63	585146	52.894	ug/l	99
46) Dibromomethane	9.574	93	345102	50.168	ug/l	94
47) Bromodichloromethane	9.759	83	706397	51.717	ug/l	99
48) Methyl methacrylate	9.558	41	694443	53.157	ug/l #	77
49) 1,4-Dioxane	9.569	88	199001	1040.615	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	4606922	267.691	ug/l	98
52) Toluene	10.502	92	1284165	51.636	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	783042	52.956	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	859652	53.743	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	513473	52.182	ug/l	98
56) Ethyl methacrylate	10.760	69	880348	54.146	ug/l	89
57) 1,3-Dichloropropane	11.041	76	915967	52.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	967814	234.295	ug/l	90
59) 2-Hexanone	11.084	43	3404168	271.243	ug/l	96
60) Dibromochloromethane	11.237	129	500962	52.180	ug/l	99
61) 1,2-Dibromoethane	11.344	107	508366	50.881	ug/l	100
64) Tetrachloroethene	10.977	164	410307	44.691	ug/l	95
65) Chlorobenzene	11.768	112	1337250	49.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	476553	49.623	ug/l	99
67) Ethyl Benzene	11.843	91	2525393	51.237	ug/l	95
68) m/p-Xylenes	11.950	106	1873857	104.444	ug/l	93
69) o-Xylene	12.278	106	927975	52.001	ug/l	92
70) Styrene	12.294	104	1552093	54.952	ug/l	96
71) Bromoform	12.455	173	375462	52.679	ug/l #	99
73) Isopropylbenzene	12.578	105	2447560	48.000	ug/l	98
74) N-amyl acetate	12.385	43	1048571	48.907	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	822426	49.103	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	703554m	43.648	ug/l	
77) Bromobenzene	12.860	156	563828	48.163	ug/l	77
78) n-propylbenzene	12.919	91	2889613	51.146	ug/l	96
79) 2-Chlorotoluene	13.004	91	1753614	48.375	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2046043	50.072	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	237794	52.911	ug/l	94
82) 4-Chlorotoluene	13.104	91	1701516	50.109	ug/l	91
83) tert-Butylbenzene	13.321	119	1780027	49.472	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2005161	50.961	ug/l	97
85) sec-Butylbenzene	13.501	105	2514402	51.473	ug/l	97
86) p-Isopropyltoluene	13.613	119	1999668	52.112	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	980999	50.058	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	941916	48.725	ug/l	97
89) n-Butylbenzene	13.940	91	1678193	52.432	ug/l	97
90) Hexachloroethane	14.209	117	342258	51.342	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	931683	48.495	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	139037	47.069	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	461394	50.970	ug/l	98
94) Hexachlorobutadiene	15.367	225	289410	55.010	ug/l	100
95) Naphthalene	15.504	128	1137510	45.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	440306	50.837	ug/l	98

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

