

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070282.D
 Acq On : 21 Dec 2021 21:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 21:47:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	890827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1489173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1404569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	586944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	781077	56.788	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.580%			
35) Dibromofluoromethane	8.021	113	544449	58.368	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 116.740%			
50) Toluene-d8	10.440	98	2109130	56.312	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.620%			
62) 4-Bromofluorobenzene	12.731	95	808151	59.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	406870	39.159	ug/l	99
3) Chloromethane	2.303	50	519146	39.882	ug/l	99
4) Vinyl Chloride	2.448	62	501654	41.913	ug/l	97
5) Bromomethane	2.845	94	271517	41.755	ug/l	99
6) Chloroethane	3.017	64	321037	43.771	ug/l	98
7) Trichlorofluoromethane	3.376	101	687361	43.756	ug/l	97
8) Diethyl Ether	3.824	74	318374	52.622	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.207	101	429422	48.766	ug/l	97
10) Methyl Iodide	4.422	142	570213	47.401	ug/l	98
11) Tert butyl alcohol	5.377	59	573137	220.445	ug/l	98
12) 1,1-Dichloroethene	4.181	96	402120	47.389	ug/l	89
13) Acrolein	4.041	56	700347	316.319	ug/l	97
14) Allyl chloride	4.838	41	957821	50.093	ug/l	91
15) Acrylonitrile	5.554	53	1738645	248.171	ug/l	99
16) Acetone	4.285	43	1707355	206.355	ug/l	98
17) Carbon Disulfide	4.529	76	829781	37.851	ug/l	98
18) Methyl Acetate	4.854	43	1211807	48.522	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	1785017	54.102	ug/l	97
20) Methylene Chloride	5.095	84	525805	47.804	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	428774	46.522	ug/l	89
22) Diisopropyl ether	6.498	45	2061357	55.156	ug/l	92
23) Vinyl Acetate	6.433	43	8203120	269.795	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1008757	52.106	ug/l	98
25) 2-Butanone	7.335	43	2582909	229.759	ug/l	92
26) 2,2-Dichloropropane	7.327	77	775248	51.504	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	556497	49.976	ug/l	85
28) Bromochloromethane	7.656	49	522205	51.872	ug/l #	78
29) Tetrahydrofuran	7.686	42	1620772	237.431	ug/l	88
30) Chloroform	7.817	83	1009228	51.618	ug/l	100
31) Cyclohexane	8.094	56	846935	44.246	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	844043	50.680	ug/l	96
36) 1,1-Dichloropropene	8.220	75	691536	48.781	ug/l	96
37) Ethyl Acetate	7.412	43	992776	47.051	ug/l	96
38) Carbon Tetrachloride	8.206	117	679654	48.890	ug/l	99
39) Methylcyclohexane	9.459	83	778723	46.181	ug/l	89
40) Benzene	8.458	78	2152524	49.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	530424	53.551	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	877491	50.165	ug/l	97
43) Isopropyl Acetate	8.560	43	1640610	52.543	ug/l #	94
44) Trichloroethene	9.215	130	497888	48.140	ug/l	90
45) 1,2-Dichloropropane	9.488	63	612160	52.608	ug/l	100
46) Dibromomethane	9.577	93	383714	50.281	ug/l	93
47) Bromodichloromethane	9.762	83	782447	54.152	ug/l	99
48) Methyl methacrylate	9.558	41	750129	51.478	ug/l	87
49) 1,4-Dioxane	9.569	88	223997	856.715	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5321158	262.694	ug/l	96
52) Toluene	10.505	92	1350576	51.052	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	854406	49.204	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	913033	50.051	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	568002	53.214	ug/l	97
56) Ethyl methacrylate	10.759	69	991180	49.250	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	1001103	53.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1381316	253.682	ug/l	91
59) 2-Hexanone	11.084	43	3805734	248.366	ug/l	94
60) Dibromochloromethane	11.237	129	560589	49.063	ug/l	100
61) 1,2-Dibromoethane	11.344	107	570027	51.559	ug/l	100
64) Tetrachloroethene	10.977	164	422478	44.360	ug/l	96
65) Chlorobenzene	11.771	112	1454213	51.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	537219	53.566	ug/l	99
67) Ethyl Benzene	11.843	91	2694128	52.051	ug/l	96
68) m/p-Xylenes	11.953	106	1937723	102.818	ug/l	92
69) o-Xylene	12.280	106	983910	51.831	ug/l	90
70) Styrene	12.294	104	1618186	53.758	ug/l	95
71) Bromoform	12.457	173	415630	48.538	ug/l #	99
73) Isopropylbenzene	12.578	105	2638655	50.528	ug/l	98
74) N-amyl acetate	12.387	43	1221237	52.880	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	904622	50.095	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	767523m	45.599	ug/l	
77) Bromobenzene	12.859	156	596572	48.636	ug/l	75
78) n-propylbenzene	12.918	91	2948615	50.741	ug/l	96
79) 2-Chlorotoluene	13.007	91	1846376	50.284	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2142928	50.983	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	248186	48.399	ug/l	96
82) 4-Chlorotoluene	13.103	91	1737432	50.314	ug/l	92
83) tert-Butylbenzene	13.323	119	1911484	51.359	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2123562	53.050	ug/l	96
85) sec-Butylbenzene	13.500	105	2593957	51.383	ug/l	98
86) p-Isopropyltoluene	13.613	119	2074082	52.561	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	992267	49.241	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	959485	48.451	ug/l	97
89) n-Butylbenzene	13.940	91	1657516	51.781	ug/l	97
90) Hexachloroethane	14.208	117	360301	52.006	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	982466	50.038	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	159183	48.782	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	458705	47.770	ug/l	97
94) Hexachlorobutadiene	15.370	225	266611	51.236	ug/l	99
95) Naphthalene	15.504	128	1291770	45.430	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	449697	48.017	ug/l	98

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

