

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069775.D
 Acq On : 4 Dec 2021 19:21
 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 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 00:18:36 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	8.086	168	1025757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1706393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1632217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	712145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	779506	49.218	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.440%		
35) Dibromofluoromethane	8.021	113	536123	50.159	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.320%		
50) Toluene-d8	10.440	98	2118821	49.369	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.731	95	794047	51.070	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	624119	52.167	ug/l	100
3) Chloromethane	2.303	50	730866	48.762	ug/l	99
4) Vinyl Chloride	2.445	62	705504	51.190	ug/l	99
5) Bromomethane	2.834	94	378689	50.576	ug/l	100
6) Chloroethane	3.009	64	420359	49.773	ug/l	97
7) Trichlorofluoromethane	3.371	101	925307	51.155	ug/l	98
8) Diethyl Ether	3.821	74	356541	51.179	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	521286	51.412	ug/l	96
10) Methyl Iodide	4.417	142	614301	44.348	ug/l	97
11) Tert butyl alcohol	5.382	59	662144	221.178	ug/l	99
12) 1,1-Dichloroethene	4.175	96	500465	51.221	ug/l	87
13) Acrolein	4.038	56	703383	275.900	ug/l	98
14) Allyl chloride	4.838	41	1116722	50.721	ug/l	95
15) Acrylonitrile	5.554	53	1958077	242.728	ug/l	98
16) Acetone	4.285	43	1867248	195.993	ug/l	97
17) Carbon Disulfide	4.524	76	1331873	52.763	ug/l	100
18) Methyl Acetate	4.854	43	1368355	47.583	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1957669	51.529	ug/l	96
20) Methylene Chloride	5.095	84	625593	49.395	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	539643	50.849	ug/l	85
22) Diisopropyl ether	6.498	45	2304775	53.557	ug/l	94
23) Vinyl Acetate	6.433	43	9441206	269.669	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1168087	52.400	ug/l	97
25) 2-Butanone	7.335	43	2932733	226.561	ug/l	92
26) 2,2-Dichloropropane	7.324	77	847201	48.880	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	652947	50.924	ug/l	86
28) Bromochloromethane	7.659	49	559677	48.281	ug/l #	78
29) Tetrahydrofuran	7.686	42	1916016	243.760	ug/l	88
30) Chloroform	7.817	83	1171028	52.015	ug/l	99
31) Cyclohexane	8.094	56	1107376	50.243	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1003816	52.345	ug/l	95
36) 1,1-Dichloropropene	8.220	75	853498	52.541	ug/l	96
37) Ethyl Acetate	7.415	43	1170604	48.417	ug/l	96
38) Carbon Tetrachloride	8.206	117	835957	52.478	ug/l	99
39) Methylcyclohexane	9.459	83	1018278	52.700	ug/l	89
40) Benzene	8.461	78	2585157	52.065	ug/l	99

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41) Methacrylonitrile	7.635	41	581352	51.222	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1032243	51.500	ug/l	96
43) Isopropyl Acetate	8.560	43	1828870	51.116	ug/l #	93
44) Trichloroethene	9.215	130	619253	52.253	ug/l	90
45) 1,2-Dichloropropane	9.488	63	704344	52.825	ug/l	99
46) Dibromomethane	9.577	93	453547	51.866	ug/l	93
47) Bromodichloromethane	9.762	83	895374	54.080	ug/l	100
48) Methyl methacrylate	9.558	41	857162	51.336	ug/l	86
49) 1,4-Dioxane	9.569	88	275014	917.942	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5995837	258.321	ug/l	95
52) Toluene	10.505	92	1608785	53.071	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	952943	47.968	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1023644	49.014	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	640806	52.392	ug/l	98
56) Ethyl methacrylate	10.759	69	1101054	47.815	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1134919	52.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1288595	209.946	ug/l	91
59) 2-Hexanone	11.084	43	4306157	245.250	ug/l	92
60) Dibromochloromethane	11.240	129	646946	49.397	ug/l	100
61) 1,2-Dibromoethane	11.344	107	672383	53.076	ug/l	99
64) Tetrachloroethene	10.977	164	553642	50.024	ug/l	94
65) Chlorobenzene	11.771	112	1705386	51.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	616104	52.863	ug/l	100
67) Ethyl Benzene	11.843	91	3192951	53.084	ug/l	96
68) m/p-Xylenes	11.953	106	2330128	106.395	ug/l	92
69) o-Xylene	12.280	106	1174649	53.248	ug/l	93
70) Styrene	12.294	104	1916531	54.789	ug/l	95
71) Bromoform	12.457	173	476363	47.909	ug/l #	100
73) Isopropylbenzene	12.578	105	3080912	48.625	ug/l	98
74) N-amyl acetate	12.387	43	1360650	48.559	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1014493	46.302	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	938686m	45.963	ug/l	
77) Bromobenzene	12.859	156	718247	48.261	ug/l	79
78) n-propylbenzene	12.921	91	3531968	50.094	ug/l	96
79) 2-Chlorotoluene	13.007	91	2170745	48.725	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2543530	49.875	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	275715	44.657	ug/l	94
82) 4-Chlorotoluene	13.104	91	2078186	49.602	ug/l	92
83) tert-Butylbenzene	13.323	119	2254837	49.933	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2476288	50.986	ug/l	98
85) sec-Butylbenzene	13.500	105	3067529	50.081	ug/l	98
86) p-Isopropyltoluene	13.616	119	2444699	51.061	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1186290	48.520	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1140610	47.471	ug/l	96
89) n-Butylbenzene	13.943	91	1946101	50.108	ug/l	97
90) Hexachloroethane	14.211	117	425203	50.584	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1146759	48.137	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	181302	45.793	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	503461	43.487	ug/l	98
94) Hexachlorobutadiene	15.370	225	295089	46.739	ug/l	99
95) Naphthalene	15.507	128	1357270	39.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	496316	43.898	ug/l	99

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

