

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070154.D
 Acq On : 17 Dec 2021 9:56
 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 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:44:29 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	8.083	168	1041671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1663895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1582662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	680951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	713230	44.346	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.700%		
35) Dibromofluoromethane	8.021	113	494194	47.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.840%		
50) Toluene-d8	10.440	98	1943720	46.446	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.900%		
62) 4-Bromofluorobenzene	12.731	95	749586	49.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	558150	45.940	ug/l	100
3) Chloromethane	2.303	50	683577	44.910	ug/l	99
4) Vinyl Chloride	2.445	62	639131	45.666	ug/l	99
5) Bromomethane	2.837	94	353974	46.553	ug/l	99
6) Chloroethane	3.009	64	390848	45.572	ug/l	98
7) Trichlorofluoromethane	3.371	101	847317	46.128	ug/l	98
8) Diethyl Ether	3.819	74	380258	53.749	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	552601	53.667	ug/l	96
10) Methyl Iodide	4.411	142	685950	48.764	ug/l	98
11) Tert butyl alcohol	5.387	59	724642	238.357	ug/l	100
12) 1,1-Dichloroethene	4.175	96	496663	50.055	ug/l	89
13) Acrolein	4.038	56	373004	144.075	ug/l	100
14) Allyl chloride	4.835	41	1195759	53.481	ug/l #	90
15) Acrylonitrile	5.554	53	2138149	261.001	ug/l	99
16) Acetone	4.288	43	2520350	260.504	ug/l	97
17) Carbon Disulfide	4.524	76	1118297	43.625	ug/l	100
18) Methyl Acetate	4.856	43	1464816	50.160	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	2100498	54.444	ug/l	95
20) Methylene Chloride	5.092	84	632512	49.178	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	526974	48.897	ug/l	85
22) Diisopropyl ether	6.498	45	2447645	56.008	ug/l	93
23) Vinyl Acetate	6.433	43	9828965	276.455	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1215929	53.712	ug/l	98
25) 2-Butanone	7.337	43	3389930	257.880	ug/l	91
26) 2,2-Dichloropropane	7.324	77	978310	55.582	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	672552	51.652	ug/l	85
28) Bromochloromethane	7.656	49	590640	50.174	ug/l #	77
29) Tetrahydrofuran	7.686	42	2029102	254.204	ug/l	87
30) Chloroform	7.817	83	1196345	52.328	ug/l	100
31) Cyclohexane	8.094	56	1093005	48.833	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1004640	51.587	ug/l	95
36) 1,1-Dichloropropene	8.220	75	853034	53.854	ug/l	96
37) Ethyl Acetate	7.415	43	1195813	50.723	ug/l	97
38) Carbon Tetrachloride	8.206	117	808144	52.028	ug/l	98
39) Methylcyclohexane	9.459	83	1031592	54.752	ug/l	89
40) Benzene	8.458	78	2586404	53.420	ug/l	99

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41) Methacrylonitrile	7.638	41	617558	55.801	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1044086	53.421	ug/l	96
43) Isopropyl Acetate	8.560	43	1931694	55.369	ug/l #	94
44) Trichloroethene	9.215	130	617893	53.470	ug/l	90
45) 1,2-Dichloropropane	9.491	63	725891	55.831	ug/l	100
46) Dibromomethane	9.577	93	458192	53.736	ug/l	93
47) Bromodichloromethane	9.762	83	928851	57.535	ug/l	99
48) Methyl methacrylate	9.561	41	908274	55.786	ug/l	87
49) 1,4-Dioxane	9.569	88	315122	1078.679	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	6453883	285.157	ug/l	96
52) Toluene	10.505	92	1629326	55.121	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1020268	52.394	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1100499	53.835	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	660863	55.412	ug/l	96
56) Ethyl methacrylate	10.759	69	1158390	51.409	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1172168	55.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1836647	298.391	ug/l	91
59) 2-Hexanone	11.084	43	4878192	284.926	ug/l	93
60) Dibromochloromethane	11.240	129	660670	51.620	ug/l	100
61) 1,2-Dibromoethane	11.347	107	679498	55.007	ug/l	99
64) Tetrachloroethene	10.977	164	556144	51.823	ug/l	95
65) Chlorobenzene	11.771	112	1738926	54.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	629557	55.709	ug/l	100
67) Ethyl Benzene	11.846	91	3297982	56.547	ug/l	96
68) m/p-Xylenes	11.953	106	2408582	113.421	ug/l	92
69) o-Xylene	12.280	106	1210555	56.594	ug/l	92
70) Styrene	12.294	104	1984230	58.500	ug/l	95
71) Bromoform	12.460	173	490054	50.663	ug/l #	100
73) Isopropylbenzene	12.578	105	3231821	53.343	ug/l	98
74) N-amyl acetate	12.387	43	1487683	55.524	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1083061	51.696	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	994666m	50.935	ug/l	
77) Bromobenzene	12.859	156	732643	51.483	ug/l	76
78) n-propylbenzene	12.921	91	3731276	55.345	ug/l	96
79) 2-Chlorotoluene	13.007	91	2267505	53.228	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2630740	53.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	309639	51.741	ug/l	95
82) 4-Chlorotoluene	13.104	91	2203719	55.007	ug/l	92
83) tert-Butylbenzene	13.323	119	2342563	54.252	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2584014	55.641	ug/l	97
85) sec-Butylbenzene	13.500	105	3289033	56.157	ug/l	97
86) p-Isopropyltoluene	13.616	119	2615325	57.127	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1278491	54.686	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1227718	53.437	ug/l	97
89) n-Butylbenzene	13.943	91	2229880	60.045	ug/l	97
90) Hexachloroethane	14.211	117	431322	53.662	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1228636	53.937	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	201814	53.309	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	622922	55.425	ug/l	97
94) Hexachlorobutadiene	15.370	225	355517	58.890	ug/l	99
95) Naphthalene	15.507	128	1674414	50.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	605397	55.328	ug/l	99

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

