

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070413.D
 Acq On : 30 Dec 2021 21:05
 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 :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 05:24:52 2021
 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	8.086	168	842540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1391871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1332208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	552099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	578568	47.760	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.520%		
35) Dibromofluoromethane	8.024	113	418780	49.727	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.460%		
50) Toluene-d8	10.443	98	1670129	48.546	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.100%		
62) 4-Bromofluorobenzene	12.731	95	617383	49.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	478013	50.028	ug/l	99
3) Chloromethane	2.303	50	662415	50.965	ug/l	98
4) Vinyl Chloride	2.445	62	586349	49.549	ug/l	99
5) Bromomethane	2.840	94	292305	47.857	ug/l	98
6) Chloroethane	3.011	64	339356	47.619	ug/l	97
7) Trichlorofluoromethane	3.371	101	677313	47.553	ug/l	99
8) Diethyl Ether	3.821	74	321729	51.239	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	444641	51.039	ug/l	95
10) Methyl Iodide	4.417	142	604192	51.247	ug/l	99
11) Tert butyl alcohol	5.387	59	596702	295.827	ug/l	98
12) 1,1-Dichloroethene	4.173	96	435106	50.706	ug/l	91
13) Acrolein	4.038	56	396295	242.143	ug/l	100
14) Allyl chloride	4.838	41	1047114	53.823	ug/l	85
15) Acrylonitrile	5.556	53	1892320	300.639	ug/l	100
16) Acetone	4.291	43	1660157	211.110	ug/l	99
17) Carbon Disulfide	4.524	76	1262668	53.908	ug/l	99
18) Methyl Acetate	4.856	43	1292660	56.826	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	1652914	51.870	ug/l	94
20) Methylene Chloride	5.092	84	553646	50.885	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	470151	51.748	ug/l	86
22) Diisopropyl ether	6.500	45	2062509	54.430	ug/l #	90
23) Vinyl Acetate	6.436	43	8155123	277.383	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1020050	51.916	ug/l	99
25) 2-Butanone	7.340	43	2718154	274.515	ug/l	91
26) 2,2-Dichloropropane	7.327	77	654722	42.240	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	559997	51.656	ug/l	88
28) Bromochloromethane	7.656	49	487449	50.729	ug/l #	75
29) Tetrahydrofuran	7.689	42	1827695	309.376	ug/l #	86
30) Chloroform	7.820	83	982688	51.843	ug/l	99
31) Cyclohexane	8.096	56	968102	50.642	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	822195	51.444	ug/l	95
36) 1,1-Dichloropropene	8.222	75	717423	51.497	ug/l	96
37) Ethyl Acetate	7.415	43	1052169	58.266	ug/l	95
38) Carbon Tetrachloride	8.206	117	709332	53.321	ug/l	99
39) Methylcyclohexane	9.459	83	863587	51.202	ug/l	88
40) Benzene	8.461	78	2254829	52.793	ug/l	99

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41) Methacrylonitrile	7.640	41	538788	59.652	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	814910	50.761	ug/l	98
43) Isopropyl Acetate	8.563	43	1593633	55.974	ug/l #	94
44) Trichloroethene	9.217	130	505862	49.846	ug/l	90
45) 1,2-Dichloropropane	9.491	63	620953	53.997	ug/l	98
46) Dibromomethane	9.577	93	380837	53.258	ug/l	95
47) Bromodichloromethane	9.762	83	806262	56.785	ug/l	99
48) Methyl methacrylate	9.561	41	759432	55.922	ug/l #	82
49) 1,4-Dioxane	9.571	88	260889	1312.382	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	5503722	307.644	ug/l	96
52) Toluene	10.507	92	1383026	53.497	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	829756	53.982	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	908234	54.622	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	550036	53.773	ug/l	97
56) Ethyl methacrylate	10.762	69	959178	56.752	ug/l #	88
57) 1,3-Dichloropropane	11.046	76	978873	54.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1109440	256.469	ug/l #	89
59) 2-Hexanone	11.087	43	4003478	306.871	ug/l	94
60) Dibromochloromethane	11.240	129	593164	59.435	ug/l	99
61) 1,2-Dibromoethane	11.347	107	569420	54.825	ug/l	99
64) Tetrachloroethene	10.977	164	446045	46.236	ug/l	95
65) Chlorobenzene	11.771	112	1440804	50.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	539817	53.494	ug/l	99
67) Ethyl Benzene	11.846	91	2691986	51.978	ug/l	97
68) m/p-Xylenes	11.953	106	1984613	105.273	ug/l	94
69) o-Xylene	12.280	106	990637	52.830	ug/l	94
70) Styrene	12.294	104	1643850	55.389	ug/l	96
71) Bromoform	12.460	173	481332	64.271	ug/l #	99
73) Isopropylbenzene	12.581	105	2577920	50.281	ug/l	98
74) N-amyl acetate	12.387	43	1197382	55.544	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	919904	55.318	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	885062m	53.922	ug/l	
77) Bromobenzene	12.862	156	598557	50.851	ug/l	76
78) n-propylbenzene	12.921	91	2929915	51.577	ug/l	96
79) 2-Chlorotoluene	13.007	91	1796398	49.285	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2095312	50.999	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	273975	60.629	ug/l	95
82) 4-Chlorotoluene	13.106	91	1714892	50.228	ug/l	92
83) tert-Butylbenzene	13.323	119	1848433	51.093	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2047783	51.760	ug/l	98
85) sec-Butylbenzene	13.503	105	2552376	51.965	ug/l	97
86) p-Isopropyltoluene	13.616	119	1984330	51.430	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	991024	50.294	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	939859	48.353	ug/l	97
89) n-Butylbenzene	13.943	91	1598258	49.663	ug/l	97
90) Hexachloroethane	14.211	117	418225	62.395	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	959065	49.648	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172347	58.028	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	451767	49.634	ug/l	99
94) Hexachlorobutadiene	15.370	225	258738	48.912	ug/l	99
95) Naphthalene	15.507	128	1293250	51.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	449832	51.640	ug/l	99

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

