

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077366.D
 Acq On : 19 Apr 2023 10:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 04:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	567575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1059411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	967118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	432610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	392907	50.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.300%			
35) Dibromofluoromethane	8.166	113	354360	52.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	10.571	98	1322618	48.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.880%			
62) 4-Bromofluorobenzene	12.848	95	469641	51.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	419300	57.881	ug/l	99
3) Chloromethane	2.372	50	356984	39.765	ug/l	99
4) Vinyl Chloride	2.525	62	495297	40.692	ug/l	100
5) Bromomethane	2.954	94	402240	45.584	ug/l	97
6) Chloroethane	3.125	64	346369	39.874	ug/l	96
7) Trichlorofluoromethane	3.507	101	641981	60.828	ug/l	95
8) Diethyl Ether	3.972	74	237639	53.733	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	381465	59.059	ug/l	96
10) Methyl Iodide	4.601	142	477628	60.804	ug/l	95
11) Tert butyl alcohol	5.525	59	281808	178.036	ug/l	100
12) 1,1-Dichloroethene	4.348	96	374604	56.342	ug/l	95
13) Acrolein	4.184	56	281479	187.761	ug/l	98
14) Allyl chloride	5.031	41	460261	45.834	ug/l	93
15) Acrylonitrile	5.725	53	788942	225.454	ug/l	98
16) Acetone	4.431	43	780010	272.718	ug/l	99
17) Carbon Disulfide	4.719	76	970334	54.121	ug/l	100
18) Methyl Acetate	5.031	43	504568	46.320	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	1284592	54.451	ug/l	97
20) Methylene Chloride	5.284	84	417409	51.675	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	409961	56.315	ug/l	98
22) Diisopropyl ether	6.678	45	1010587	50.197	ug/l	97
23) Vinyl Acetate	6.613	43	3739777m	274.734	ug/l	
24) 1,1-Dichloroethane	6.572	63	694879	53.451	ug/l	100
25) 2-Butanone	7.483	43	1013577	218.354	ug/l	95
26) 2,2-Dichloropropane	7.495	77	697162	58.482	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	492392	55.388	ug/l	97
28) Bromochloromethane	7.819	49	254409	48.649	ug/l	93
29) Tetrahydrofuran	7.842	42	615944	206.420	ug/l	93
30) Chloroform	7.972	83	783960	56.548	ug/l	98
31) Cyclohexane	8.260	56	603470	50.065	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	715858	56.777	ug/l	97
36) 1,1-Dichloropropene	8.372	75	581999	58.022	ug/l	98
37) Ethyl Acetate	7.566	43	398918	44.450	ug/l	97
38) Carbon Tetrachloride	8.366	117	622749	60.598	ug/l	94
39) Methylcyclohexane	9.607	83	789420	58.365	ug/l	97
40) Benzene	8.607	78	1730824	55.321	ug/l	99

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41) Methacrylonitrile	7.783	41	213107	44.176	ug/l	92
42) 1,2-Dichloroethane	8.672	62	556466	57.789	ug/l	98
43) Isopropyl Acetate	8.689	43	755158	45.601	ug/l	97
44) Trichloroethene	9.354	130	455078	60.790	ug/l	97
45) 1,2-Dichloropropane	9.624	63	408442	54.968	ug/l	96
46) Dibromomethane	9.713	93	309920	55.359	ug/l	98
47) Bromodichloromethane	9.889	83	636921	56.919	ug/l	97
48) Methyl methacrylate	9.683	41	329882	46.697	ug/l	95
49) 1,4-Dioxane	9.701	88	135911	793.537	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	2078964	217.190	ug/l	96
52) Toluene	10.630	92	1168986	57.083	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	696758	57.342	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	733609	56.680	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	444688	55.318	ug/l	97
56) Ethyl methacrylate	10.871	69	645448	51.549	ug/l	97
57) 1,3-Dichloropropane	11.166	76	723575	54.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	794634	213.196	ug/l	95
59) 2-Hexanone	11.195	43	1590635	223.052	ug/l	100
60) Dibromochloromethane	11.360	129	486395	58.748	ug/l	99
61) 1,2-Dibromoethane	11.471	107	455527	56.773	ug/l	100
64) Tetrachloroethene	11.107	164	350339	58.640	ug/l	98
65) Chlorobenzene	11.895	112	1234746	57.990	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	447100	55.497	ug/l	98
67) Ethyl Benzene	11.966	91	2254871	57.389	ug/l	99
68) m/p-Xylenes	12.071	106	1764449	114.291	ug/l	100
69) o-Xylene	12.401	106	867913	56.986	ug/l	98
70) Styrene	12.413	104	1416089	57.779	ug/l	99
71) Bromoform	12.577	173	317869	56.050	ug/l #	100
73) Isopropylbenzene	12.695	105	2275997	54.166	ug/l	100
74) N-amyl acetate	12.495	43	665393	41.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	632837	47.991	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	438692m	42.585	ug/l	
77) Bromobenzene	12.983	156	477939	55.940	ug/l	91
78) n-propylbenzene	13.036	91	2641363	56.892	ug/l	100
79) 2-Chlorotoluene	13.130	91	1515460	54.209	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1904427	56.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	211190	46.133	ug/l	98
82) 4-Chlorotoluene	13.224	91	1483733	56.292	ug/l	100
83) tert-Butylbenzene	13.442	119	1639922	54.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1881459	56.746	ug/l	99
85) sec-Butylbenzene	13.618	105	2389878	57.405	ug/l	99
86) p-Isopropyltoluene	13.730	119	1938886	59.259	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	894103	56.566	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	895654	57.459	ug/l	100
89) n-Butylbenzene	14.059	91	1701181	62.630	ug/l	99
90) Hexachloroethane	14.336	117	387857	54.216	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	895682	56.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	119472	47.807	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	351451	61.569	ug/l	97
94) Hexachlorobutadiene	15.465	225	191063	57.824	ug/l	99
95) Naphthalene	15.589	128	1286786	60.009	ug/l	100
96) 1,2,3-Trichlorobenzene	15.753	180	320790	58.753	ug/l	98

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

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