

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072445.D
 Acq On : 12 May 2022 11:55
 Operator : JC\MD
 Sample : VN0512WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:41:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	196393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	305483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	123194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	155089	51.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.120%			
35) Dibromofluoromethane	8.016	113	108388	53.331	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.660%			
50) Toluene-d8	10.439	98	402208	51.963	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.727	95	140405	54.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	45879	18.731	ug/l	95
3) Chloromethane	2.298	50	39814	16.488	ug/l	96
4) Vinyl Chloride	2.446	62	34910	16.739	ug/l	97
5) Bromomethane	2.845	94	23324	18.784	ug/l	88
6) Chloroethane	3.016	64	22175	19.406	ug/l	# 88
7) Trichlorofluoromethane	3.375	101	74937	19.386	ug/l	91
8) Diethyl Ether	3.828	74	24382	17.485	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	39700	18.822	ug/l	99
10) Methyl Iodide	4.422	142	48154	17.223	ug/l	# 85
11) Tert butyl alcohol	5.369	59	43441	88.320	ug/l	98
12) 1,1-Dichloroethene	4.192	96	34559	17.487	ug/l	95
13) Acrolein	4.045	56	39022	81.088	ug/l	98
14) Allyl chloride	4.845	41	60246	16.373	ug/l	90
15) Acrylonitrile	5.551	53	114343	85.550	ug/l	96
16) Acetone	4.287	43	107599	90.321	ug/l	89
17) Carbon Disulfide	4.534	76	85766	16.733	ug/l	98
18) Methyl Acetate	4.857	43	60750	17.320	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	132621	18.569	ug/l	97
20) Methylene Chloride	5.098	84	40920	16.752	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	35779	17.304	ug/l	94
22) Diisopropyl ether	6.492	45	129261	17.288	ug/l	94
23) Vinyl Acetate	6.434	43	550980	88.068	ug/l	98
24) 1,1-Dichloroethane	6.386	63	75202	17.823	ug/l	98
25) 2-Butanone	7.333	43	156244	83.101	ug/l	94
26) 2,2-Dichloropropane	7.322	77	70584	19.907	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	44142	17.758	ug/l	94
28) Bromochloromethane	7.657	49	31479	17.571	ug/l	97
29) Tetrahydrofuran	7.680	42	105287	86.164	ug/l	91
30) Chloroform	7.816	83	83634	19.484	ug/l	100
31) Cyclohexane	8.092	56	67983	17.056	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	79976	20.313	ug/l	98
36) 1,1-Dichloropropene	8.222	75	56385	19.316	ug/l	95
37) Ethyl Acetate	7.410	43	67148	19.173	ug/l	97
38) Carbon Tetrachloride	8.204	117	71278	21.818	ug/l	98
39) Methylcyclohexane	9.457	83	64479	19.654	ug/l	91
40) Benzene	8.457	78	162788	18.668	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	33343	19.227	ug/l	87
42) 1,2-Dichloroethane	8.527	62	73370	20.934	ug/l	94
43) Isopropyl Acetate	8.557	43	102660	19.084	ug/l	96
44) Trichloroethene	9.216	130	41676	18.827	ug/l	91
45) 1,2-Dichloropropane	9.486	63	41331	18.559	ug/l	99
46) Dibromomethane	9.569	93	30084	19.401	ug/l	96
47) Bromodichloromethane	9.763	83	64172	20.300	ug/l	99
48) Methyl methacrylate	9.557	41	43359	17.276	ug/l #	91
49) 1,4-Dioxane	9.563	88	17687	413.113	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	320247	95.871	ug/l	94
52) Toluene	10.504	92	104764	19.484	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	63672	19.788	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	68212	19.869	ug/l	90
55) 1,1,2-Trichloroethane	10.898	97	42790	19.103	ug/l	93
56) Ethyl methacrylate	10.757	69	63434	19.759	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	75190	19.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	86471	110.068	ug/l	99
59) 2-Hexanone	11.080	43	228923	97.738	ug/l	92
60) Dibromochloromethane	11.233	129	50107	21.058	ug/l	98
61) 1,2-Dibromoethane	11.339	107	46113	20.657	ug/l	100
64) Tetrachloroethene	10.974	164	40332	20.037	ug/l	96
65) Chlorobenzene	11.768	112	111122	19.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	46043	20.134	ug/l	97
67) Ethyl Benzene	11.839	91	197497	20.034	ug/l	98
68) m/p-Xylenes	11.945	106	151279	40.462	ug/l	90
69) o-Xylene	12.274	106	75680	20.602	ug/l	93
70) Styrene	12.292	104	119524	21.268	ug/l	97
71) Bromoform	12.451	173	35628	21.120	ug/l #	99
73) Isopropylbenzene	12.574	105	198163	19.417	ug/l	99
74) N-amyl acetate	12.386	43	62791	17.406	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	63285	17.080	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	58186m	18.109	ug/l	
77) Bromobenzene	12.857	156	46112	18.885	ug/l	95
78) n-propylbenzene	12.915	91	214277	19.621	ug/l	97
79) 2-Chlorotoluene	13.004	91	139471	19.440	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	169186	20.241	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.627	75	17944	18.630	ug/l	88
82) 4-Chlorotoluene	13.098	91	130528	19.198	ug/l	97
83) tert-Butylbenzene	13.321	119	147569	20.167	ug/l	93
84) 1,2,4-Trimethylbenzene	13.362	105	160379	19.724	ug/l	96
85) sec-Butylbenzene	13.498	105	190411	19.512	ug/l	100
86) p-Isopropyltoluene	13.610	119	160345	21.094	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	78645	18.676	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	74438	17.769	ug/l	92
89) n-Butylbenzene	13.939	91	114012	19.621	ug/l	99
90) Hexachloroethane	14.204	117	28835	18.982	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	81803	19.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13734	21.317	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	32217	20.222	ug/l	97
94) Hexachlorobutadiene	15.368	225	21102	20.005	ug/l	98
95) Naphthalene	15.498	128	84963	16.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	32306	20.235	ug/l	96

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

