

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071034.D
 Acq On : 23 Feb 2022 15:04
 Operator : JC\MD
 Sample : VN0223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 00:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	643832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1017701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	907062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	355469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409577	55.690	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.380%			
35) Dibromofluoromethane	8.016	113	322154	53.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.440%			
50) Toluene-d8	10.439	98	1301317	53.531	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.060%			
62) 4-Bromofluorobenzene	12.727	95	427401	49.187	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	125203	18.723	ug/l	98
3) Chloromethane	2.305	50	169564	20.174	ug/l	98
4) Vinyl Chloride	2.446	62	153984	18.301	ug/l	99
5) Bromomethane	2.857	94	90524	18.939	ug/l	98
6) Chloroethane	3.022	64	96441	17.471	ug/l	97
7) Trichlorofluoromethane	3.375	101	212645	20.166	ug/l	97
8) Diethyl Ether	3.828	74	88354	19.275	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	125966	19.471	ug/l	96
10) Methyl Iodide	4.428	142	167463	18.690	ug/l	98
11) Tert butyl alcohol	5.363	59	142460	106.287	ug/l	97
12) 1,1-Dichloroethene	4.187	96	117873	18.701	ug/l	96
13) Acrolein	4.046	56	101252	84.539	ug/l	97
14) Allyl chloride	4.846	41	239146	19.894	ug/l	87
15) Acrylonitrile	5.551	53	432051	109.435	ug/l	98
16) Acetone	4.281	43	451737	111.530	ug/l	96
17) Carbon Disulfide	4.534	76	296676	16.413	ug/l	98
18) Methyl Acetate	4.851	43	197210	21.898	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	454223	20.543	ug/l	95
20) Methylene Chloride	5.098	84	146745	19.935	ug/l	91
21) trans-1,2-Dichloroethene	5.604	96	128796	19.038	ug/l	93
22) Diisopropyl ether	6.492	45	513805	22.285	ug/l	93
23) Vinyl Acetate	6.434	43	2113278	108.280	ug/l	100
24) 1,1-Dichloroethane	6.387	63	267377	20.688	ug/l	98
25) 2-Butanone	7.328	43	614747	114.093	ug/l	97
26) 2,2-Dichloropropane	7.322	77	216153	20.123	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	157870	20.303	ug/l	93
28) Bromochloromethane	7.657	49	115071	21.998	ug/l	86
29) Tetrahydrofuran	7.681	42	392279	112.384	ug/l	94
30) Chloroform	7.816	83	259332	20.401	ug/l	98
31) Cyclohexane	8.092	56	253915	19.963	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	220125	20.052	ug/l	97
36) 1,1-Dichloropropene	8.222	75	193632	19.525	ug/l	97
37) Ethyl Acetate	7.410	43	252093	23.702	ug/l	99
38) Carbon Tetrachloride	8.204	117	187380	19.176	ug/l	94
39) Methylcyclohexane	9.457	83	235411	18.447	ug/l	92
40) Benzene	8.457	78	591368	20.159	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	121863	21.754	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	203441	20.362	ug/l	98
43) Isopropyl Acetate	8.557	43	362346	21.614	ug/l	98
44) Trichloroethene	9.216	130	143923	18.631	ug/l	98
45) 1,2-Dichloropropane	9.486	63	159172	21.182	ug/l	98
46) Dibromomethane	9.575	93	97572	19.731	ug/l	99
47) Bromodichloromethane	9.757	83	196701	19.681	ug/l	99
48) Methyl methacrylate	9.557	41	172444	21.731	ug/l #	84
49) 1,4-Dioxane	9.563	88	58958	418.319	ug/l	89
51) 4-Methyl-2-Pentanone	10.328	43	1151695	112.911	ug/l	98
52) Toluene	10.498	92	373617	20.268	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213714	19.665	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	239276	20.049	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	146687	20.330	ug/l	99
56) Ethyl methacrylate	10.757	69	228612	21.029	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	259820	20.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	128770	78.277	ug/l	95
59) 2-Hexanone	11.080	43	809355	115.373	ug/l	100
60) Dibromochloromethane	11.233	129	150202	19.698	ug/l	99
61) 1,2-Dibromoethane	11.339	107	147307	20.071	ug/l	98
64) Tetrachloroethene	10.975	164	133536	18.903	ug/l	97
65) Chlorobenzene	11.769	112	385131	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	143326	20.116	ug/l	99
67) Ethyl Benzene	11.839	91	687077	20.084	ug/l	98
68) m/p-Xylenes	11.951	106	519703	39.329	ug/l	98
69) o-Xylene	12.274	106	259995	20.142	ug/l	100
70) Styrene	12.292	104	399925	19.485	ug/l	98
71) Bromoform	12.457	173	106528	18.774	ug/l #	98
73) Isopropylbenzene	12.574	105	666493	23.294	ug/l	99
74) N-amyl acetate	12.386	43	213959	23.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	217941	23.970	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169962m	20.307	ug/l	
77) Bromobenzene	12.857	156	153603	21.930	ug/l	83
78) n-propylbenzene	12.916	91	717658	22.324	ug/l	98
79) 2-Chlorotoluene	13.004	91	446583	22.875	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	534719	23.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	53782	20.823	ug/l	96
82) 4-Chlorotoluene	13.104	91	412601	21.772	ug/l	94
83) tert-Butylbenzene	13.321	119	470005	21.380	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	519495	22.767	ug/l	99
85) sec-Butylbenzene	13.498	105	634713	21.912	ug/l	99
86) p-Isopropyltoluene	13.616	119	506489	21.299	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	251998	20.324	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	245229	20.186	ug/l	98
89) n-Butylbenzene	13.939	91	361226	18.619	ug/l	97
90) Hexachloroethane	14.210	117	93406	21.995	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	247342	21.244	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34431	23.373	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	106674	17.647	ug/l	97
94) Hexachlorobutadiene	15.362	225	73755	17.371	ug/l	98
95) Naphthalene	15.504	128	233267	18.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	99776	18.222	ug/l	99

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

