

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071390.D
 Acq On : 19 Mar 2022 11:54
 Operator : JC\MD
 Sample : VN0319WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 05:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	660458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1062858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	938086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	360182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	451070	49.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	8.016	113	342180	51.018	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.040%		
50) Toluene-d8	10.439	98	1324271	49.039	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.727	95	432243	47.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	110364	15.247	ug/l	99
3) Chloromethane	2.299	50	159710	16.412	ug/l	100
4) Vinyl Chloride	2.440	62	144828	16.326	ug/l	99
5) Bromomethane	2.840	94	79954	16.138	ug/l	99
6) Chloroethane	3.004	64	91252	16.986	ug/l	94
7) Trichlorofluoromethane	3.369	101	198638	17.013	ug/l	98
8) Diethyl Ether	3.828	74	84819	16.976	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.204	101	115925	17.151	ug/l	95
10) Methyl Iodide	4.422	142	136595	14.308	ug/l	99
11) Tert butyl alcohol	5.363	59	166361	93.556	ug/l	99
12) 1,1-Dichloroethene	4.181	96	112581	17.003	ug/l	92
13) Acrolein	4.040	56	92975	49.399	ug/l	97
14) Allyl chloride	4.840	41	241800	16.790	ug/l	86
15) Acrylonitrile	5.551	53	490324	92.864	ug/l	99
16) Acetone	4.281	43	430834	97.821	ug/l	99
17) Carbon Disulfide	4.528	76	275155	14.597	ug/l	100
18) Methyl Acetate	4.851	43	239954	20.565	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	449281	18.072	ug/l	94
20) Methylene Chloride	5.093	84	139911	17.630	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	119142	16.450	ug/l	90
22) Diisopropyl ether	6.492	45	514907	18.149	ug/l	94
23) Vinyl Acetate	6.428	43	2206283	91.856	ug/l	99
24) 1,1-Dichloroethane	6.387	63	263690	17.589	ug/l	98
25) 2-Butanone	7.328	43	688360	97.022	ug/l	92
26) 2,2-Dichloropropane	7.322	77	209437	18.108	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	149977	17.448	ug/l	90
28) Bromochloromethane	7.651	49	119256	17.863	ug/l #	82
29) Tetrahydrofuran	7.681	42	469834	95.589	ug/l	92
30) Chloroform	7.810	83	257081	17.979	ug/l	99
31) Cyclohexane	8.092	56	242146	16.752	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	222204	18.243	ug/l	97
36) 1,1-Dichloropropene	8.216	75	180500	16.797	ug/l	96
37) Ethyl Acetate	7.404	43	278933	18.861	ug/l	97
38) Carbon Tetrachloride	8.204	117	182756	17.582	ug/l	96
39) Methylcyclohexane	9.457	83	212448	16.805	ug/l	93
40) Benzene	8.457	78	573674	17.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	141817	19.594	ug/l	86
42) 1,2-Dichloroethane	8.528	62	209272	18.574	ug/l	100
43) Isopropyl Acetate	8.557	43	405846	18.351	ug/l	96
44) Trichloroethene	9.216	130	133076	17.420	ug/l	97
45) 1,2-Dichloropropane	9.486	63	154808	17.812	ug/l	99
46) Dibromomethane	9.575	93	96123	17.969	ug/l	96
47) Bromodichloromethane	9.757	83	198519	18.363	ug/l	99
48) Methyl methacrylate	9.557	41	192815	18.813	ug/l #	82
49) 1,4-Dioxane	9.563	88	71964	403.953	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1341162	97.714	ug/l	99
52) Toluene	10.504	92	353862	17.749	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	212695	17.848	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	236604	18.171	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	144611	18.101	ug/l	98
56) Ethyl methacrylate	10.757	69	239747	18.376	ug/l	92
57) 1,3-Dichloropropane	11.039	76	261373	18.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	238175	105.072	ug/l	92
59) 2-Hexanone	11.080	43	996680	106.427	ug/l	100
60) Dibromochloromethane	11.233	129	144529	18.207	ug/l	98
61) 1,2-Dibromoethane	11.339	107	147316	18.042	ug/l	99
64) Tetrachloroethene	10.975	164	115034	17.582	ug/l	98
65) Chlorobenzene	11.769	112	369545	18.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	139191	18.843	ug/l	99
67) Ethyl Benzene	11.839	91	660693	18.548	ug/l	97
68) m/p-Xylenes	11.951	106	493277	37.854	ug/l	97
69) o-Xylene	12.274	106	248030	18.988	ug/l	97
70) Styrene	12.292	104	391294	19.352	ug/l	97
71) Bromoform	12.457	173	112970	20.138	ug/l #	100
73) Isopropylbenzene	12.574	105	631463	18.187	ug/l	100
74) N-amyl acetate	12.386	43	265094	20.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	233886	21.192	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	179416m	18.791	ug/l	
77) Bromobenzene	12.857	156	150570	18.597	ug/l	78
78) n-propylbenzene	12.916	91	687034	18.440	ug/l	98
79) 2-Chlorotoluene	13.004	91	435361	18.203	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	504386	18.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65063	19.527	ug/l	97
82) 4-Chlorotoluene	13.098	91	404803	19.002	ug/l	93
83) tert-Butylbenzene	13.321	119	455868	18.910	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	495938	19.167	ug/l	100
85) sec-Butylbenzene	13.498	105	605063	18.883	ug/l	99
86) p-Isopropyltoluene	13.610	119	480359	19.062	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	236473	17.975	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	232730	18.098	ug/l	97
89) n-Butylbenzene	13.939	91	347745	17.644	ug/l	97
90) Hexachloroethane	14.210	117	92849	18.528	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	238183	18.832	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41038	20.314	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	100843	19.052	ug/l	99
94) Hexachlorobutadiene	15.368	225	64299	18.110	ug/l	99
95) Naphthalene	15.504	128	288321	20.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	98634	19.221	ug/l	95

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

