

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071233.D
 Acq On : 10 Mar 2022 16:34
 Operator : JC\MD
 Sample : VN0310WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:12:07 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	8.080	168	643766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1051141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	942371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	378851	42.939	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.880%
35) Dibromofluoromethane	8.016	113	283721	42.774	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.540%
50) Toluene-d8	10.439	98	1115762	41.778	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	83.560%
62) 4-Bromofluorobenzene	12.727	95	373194	41.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	112872	15.998	ug/l	98
3) Chloromethane	2.299	50	164760	17.372	ug/l	99
4) Vinyl Chloride	2.440	62	142007	16.423	ug/l	99
5) Bromomethane	2.851	94	83830	17.872	ug/l	100
6) Chloroethane	3.016	64	89015	17.000	ug/l	95
7) Trichlorofluoromethane	3.375	101	190309	16.722	ug/l	98
8) Diethyl Ether	3.822	74	83002	17.043	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	111796	16.969	ug/l	96
10) Methyl Iodide	4.422	142	141274	15.182	ug/l	99
11) Tert butyl alcohol	5.357	59	140806	81.238	ug/l	98
12) 1,1-Dichloroethene	4.187	96	105312	16.317	ug/l	93
13) Acrolein	4.040	56	104013	56.696	ug/l	99
14) Allyl chloride	4.840	41	229700	16.364	ug/l	87
15) Acrylonitrile	5.545	53	427379	83.041	ug/l	99
16) Acetone	4.281	43	356199	82.972	ug/l	96
17) Carbon Disulfide	4.528	76	278323	15.148	ug/l	99
18) Methyl Acetate	4.845	43	229140	20.157	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	426812	17.614	ug/l	97
20) Methylene Chloride	5.092	84	139954	18.083	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	115863	16.413	ug/l	85
22) Diisopropyl ether	6.486	45	484786	17.530	ug/l	95
23) Vinyl Acetate	6.428	43	2068579	88.356	ug/l	99
24) 1,1-Dichloroethane	6.386	63	247304	16.923	ug/l	99
25) 2-Butanone	7.328	43	578161	83.603	ug/l	95
26) 2,2-Dichloropropane	7.322	77	198901	17.643	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	142203	16.972	ug/l	88
28) Bromochloromethane	7.651	49	109579	16.839	ug/l	83
29) Tetrahydrofuran	7.681	42	397548	82.979	ug/l	92
30) Chloroform	7.816	83	238426	17.107	ug/l	96
31) Cyclohexane	8.086	56	238269	16.911	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	200486	16.887	ug/l	98
36) 1,1-Dichloropropene	8.216	75	175047	16.471	ug/l	97
37) Ethyl Acetate	7.404	43	233990	15.998	ug/l	97
38) Carbon Tetrachloride	8.204	117	170777	16.613	ug/l	98
39) Methylcyclohexane	9.457	83	211756	16.937	ug/l	93
40) Benzene	8.457	78	550324	17.187	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	111228	15.539	ug/l	92
42) 1,2-Dichloroethane	8.522	62	198310	17.797	ug/l	99
43) Isopropyl Acetate	8.557	43	472936	21.623	ug/l #	87
44) Trichloroethene	9.210	130	129148	17.094	ug/l	96
45) 1,2-Dichloropropane	9.486	63	146837	17.083	ug/l	100
46) Dibromomethane	9.569	93	91990	17.388	ug/l	97
47) Bromodichloromethane	9.757	83	184212	17.230	ug/l	99
48) Methyl methacrylate	9.551	41	176918	17.454	ug/l #	81
49) 1,4-Dioxane	9.563	88	62869	356.834	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	1146563	84.467	ug/l	99
52) Toluene	10.498	92	337272	17.105	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	204193	17.325	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	217804	16.913	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	136439	17.269	ug/l	98
56) Ethyl methacrylate	10.757	69	221683	17.181	ug/l	91
57) 1,3-Dichloropropane	11.039	76	244708	17.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.063	63	263	27.951	ug/l #	45
59) 2-Hexanone	11.080	43	827481	89.345	ug/l	100
60) Dibromochloromethane	11.233	129	137296	17.489	ug/l	98
61) 1,2-Dibromoethane	11.345	107	138480	17.149	ug/l	98
64) Tetrachloroethene	10.974	164	111716	16.998	ug/l	94
65) Chlorobenzene	11.763	112	348401	17.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	130045	17.525	ug/l	99
67) Ethyl Benzene	11.839	91	627339	17.532	ug/l	98
68) m/p-Xylenes	11.945	106	472914	36.127	ug/l	98
69) o-Xylene	12.274	106	229689	17.504	ug/l	94
70) Styrene	12.292	104	362116	17.828	ug/l	97
71) Bromoform	12.451	173	100957	17.915	ug/l #	100
73) Isopropylbenzene	12.574	105	595332	15.992	ug/l	100
74) N-amyl acetate	12.380	43	242582	17.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	209587	17.268	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	184596m	17.911	ug/l	
77) Bromobenzene	12.857	156	137962	15.892	ug/l	78
78) n-propylbenzene	12.915	91	656137	16.425	ug/l	98
79) 2-Chlorotoluene	13.004	91	414044	16.146	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	483557	16.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	58539	16.386	ug/l	97
82) 4-Chlorotoluene	13.098	91	393474	17.226	ug/l	94
83) tert-Butylbenzene	13.321	119	423899	16.400	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	473391	17.064	ug/l	99
85) sec-Butylbenzene	13.498	105	564787	16.439	ug/l	99
86) p-Isopropyltoluene	13.610	119	464325	17.185	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	239512	16.980	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	235393	17.073	ug/l	96
89) n-Butylbenzene	13.939	91	368045	17.416	ug/l	97
90) Hexachloroethane	14.204	117	80614	15.004	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	233241	17.200	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37160	17.156	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	103474	18.361	ug/l	99
94) Hexachlorobutadiene	15.362	225	64639	16.979	ug/l	98
95) Naphthalene	15.504	128	277435	19.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	100981	18.477	ug/l	99

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

