

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071539.D
 Acq On : 25 Mar 2022 11:40
 Operator : JC\MD
 Sample : VN0325WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 03:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	664195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1045316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	942540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	382104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	428868	51.972	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.940%			
35) Dibromofluoromethane	8.016	113	348197	53.002	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.000%			
50) Toluene-d8	10.439	98	1404750	53.013	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.727	95	451503	52.002	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	138338	19.961	ug/l	93
3) Chloromethane	2.299	50	160179	19.489	ug/l	99
4) Vinyl Chloride	2.440	62	182174	19.491	ug/l	99
5) Bromomethane	2.851	94	123956	25.129	ug/l	94
6) Chloroethane	3.010	64	118430	18.905	ug/l	96
7) Trichlorofluoromethane	3.369	101	212876	19.734	ug/l	100
8) Diethyl Ether	3.822	74	87075	19.364	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	128758	19.923	ug/l	98
10) Methyl Iodide	4.422	142	178587	19.164	ug/l	99
11) Tert butyl alcohol	5.363	59	137697	89.544	ug/l	99
12) 1,1-Dichloroethene	4.187	96	124192	19.511	ug/l	98
13) Acrolein	4.040	56	109302	92.942	ug/l	99
14) Allyl chloride	4.845	41	201960	19.655	ug/l	99
15) Acrylonitrile	5.551	53	390130	93.316	ug/l	100
16) Acetone	4.281	43	332774	98.383	ug/l	98
17) Carbon Disulfide	4.528	76	320150	19.284	ug/l	97
18) Methyl Acetate	4.851	43	173119	18.753	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	445690	19.578	ug/l	99
20) Methylene Chloride	5.098	84	149802	19.007	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	135894	19.672	ug/l	99
22) Diisopropyl ether	6.487	45	424244	19.916	ug/l	97
23) Vinyl Acetate	6.428	43	1810489	99.000	ug/l	100
24) 1,1-Dichloroethane	6.387	63	252488	19.563	ug/l	100
25) 2-Butanone	7.328	43	514569	94.821	ug/l	99
26) 2,2-Dichloropropane	7.322	77	216757	20.074	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	161036	19.552	ug/l	99
28) Bromochloromethane	7.657	49	84151	15.957	ug/l	97
29) Tetrahydrofuran	7.681	42	340760	94.435	ug/l	100
30) Chloroform	7.810	83	259327	20.044	ug/l	100
31) Cyclohexane	8.092	56	238937	20.235	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	224077	19.882	ug/l	98
36) 1,1-Dichloropropene	8.216	75	193944	20.475	ug/l	100
37) Ethyl Acetate	7.404	43	203941	19.753	ug/l	99
38) Carbon Tetrachloride	8.204	117	184555	19.988	ug/l	98
39) Methylcyclohexane	9.457	83	247141	21.267	ug/l	97
40) Benzene	8.457	78	599434	20.330	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	106109	21.647	ug/l	91
42) 1,2-Dichloroethane	8.528	62	207827	20.208	ug/l	100
43) Isopropyl Acetate	8.557	43	318628	19.053	ug/l	99
44) Trichloroethene	9.210	130	155619	20.333	ug/l	99
45) 1,2-Dichloropropane	9.486	63	147781	20.234	ug/l	98
46) Dibromomethane	9.575	93	98065	19.727	ug/l	97
47) Bromodichloromethane	9.757	83	197738	20.295	ug/l	99
48) Methyl methacrylate	9.557	41	150994	20.258	ug/l	98
49) 1,4-Dioxane	9.563	88	66470	386.480	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	1000102	96.755	ug/l	100
52) Toluene	10.498	92	379341	20.556	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	210274	20.070	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	238102	20.609	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	149450	19.976	ug/l	99
56) Ethyl methacrylate	10.757	69	225875	20.029	ug/l	99
57) 1,3-Dichloropropane	11.039	76	253243	20.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	313276	100.103	ug/l	100
59) 2-Hexanone	11.080	43	723547	97.100	ug/l	99
60) Dibromochloromethane	11.233	129	152700	20.236	ug/l	100
61) 1,2-Dibromoethane	11.339	107	155946	20.661	ug/l	99
64) Tetrachloroethene	10.974	164	135457	20.792	ug/l	94
65) Chlorobenzene	11.769	112	402023	20.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	143927	20.345	ug/l	99
67) Ethyl Benzene	11.839	91	707225	20.600	ug/l	99
68) m/p-Xylenes	11.951	106	548888	41.784	ug/l	100
69) o-Xylene	12.274	106	269888	20.681	ug/l	98
70) Styrene	12.292	104	416045	20.447	ug/l	99
71) Bromoform	12.451	173	112204	20.166	ug/l #	100
73) Isopropylbenzene	12.574	105	686905	20.390	ug/l	100
74) N-amyl acetate	12.380	43	208500	19.255	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	223975	20.312	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	167749m	19.688	ug/l	
77) Bromobenzene	12.857	156	165890	19.760	ug/l	98
78) n-propylbenzene	12.916	91	733994	20.479	ug/l	100
79) 2-Chlorotoluene	13.004	91	461393	19.950	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	546044	20.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	62326	19.584	ug/l	99
82) 4-Chlorotoluene	13.098	91	430129	20.201	ug/l	100
83) tert-Butylbenzene	13.321	119	497147	20.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	531509	20.713	ug/l	100
85) sec-Butylbenzene	13.498	105	649044	20.399	ug/l	100
86) p-Isopropyltoluene	13.610	119	527211	20.786	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	271122	19.909	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	264583	19.658	ug/l	99
89) n-Butylbenzene	13.939	91	373144	19.210	ug/l	100
90) Hexachloroethane	14.204	117	93770	18.941	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	267431	20.487	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36955	18.552	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	113281	18.728	ug/l	100
94) Hexachlorobutadiene	15.368	225	76172	20.824	ug/l	98
95) Naphthalene	15.504	128	284492	16.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	110193	18.360	ug/l	98

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

