

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069428.D
 Acq On : 9 Nov 2021 19:44
 Operator : JC/MD
 Sample : VN1109WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Quant Time: Nov 10 16:19:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	909854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1605151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1515234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	633756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	733807	55.623	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.240%			
35) Dibromofluoromethane	8.024	113	504927	52.449	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.900%			
50) Toluene-d8	10.443	98	2025127	53.486	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.733	95	698848	50.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	214132	22.029	ug/l	98
3) Chloromethane	2.303	50	239842	21.276	ug/l	98
4) Vinyl Chloride	2.445	62	245028	21.708	ug/l	99
5) Bromomethane	2.853	94	166623	22.729	ug/l	99
6) Chloroethane	3.017	64	166700	21.880	ug/l	99
7) Trichlorofluoromethane	3.373	101	374281	21.455	ug/l	95
8) Diethyl Ether	3.824	74	120028	21.266	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.207	101	171228	20.837	ug/l	94
10) Methyl Iodide	4.417	142	198577	19.702	ug/l	97
11) Tert butyl alcohol	5.388	59	248843	104.678	ug/l	98
12) 1,1-Dichloroethene	4.178	96	156531	21.226	ug/l	87
13) Acrolein	4.038	56	36545	104.718	ug/l	95
14) Allyl chloride	4.840	41	340012	20.854	ug/l	95
15) Acrylonitrile	5.559	53	680220	111.738	ug/l	98
16) Acetone	4.288	43	689867	96.921	ug/l	98
17) Carbon Disulfide	4.527	76	332502	19.075	ug/l	98
18) Methyl Acetate	4.859	43	504885	21.821	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	679047	21.758	ug/l	98
20) Methylene Chloride	5.095	84	204709	20.282	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	174549	21.192	ug/l	85
22) Diisopropyl ether	6.501	45	752532	21.427	ug/l	95
23) Vinyl Acetate	6.436	43	2946317	108.466	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	378497	21.159	ug/l	99
25) 2-Butanone	7.340	43	1028367	106.697	ug/l	93
26) 2,2-Dichloropropane	7.327	77	275634	19.694	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	219290	21.477	ug/l	90
28) Bromochloromethane	7.662	49	201736	22.022	ug/l #	80
29) Tetrahydrofuran	7.691	42	675683	114.238	ug/l	91
30) Chloroform	7.820	83	393732	21.470	ug/l	98
31) Cyclohexane	8.096	56	371542	20.615	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	326602	21.336	ug/l	96
36) 1,1-Dichloropropene	8.222	75	266932	19.764	ug/l	97
37) Ethyl Acetate	7.418	43	401655	21.999	ug/l	95
38) Carbon Tetrachloride	8.209	117	264143	20.257	ug/l	99
39) Methylcyclohexane	9.461	83	326978	19.461	ug/l	92
40) Benzene	8.461	78	860186	20.633	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	199530	21.150	ug/l	90
42) 1,2-Dichloroethane	8.531	62	342228	20.965	ug/l	97
43) Isopropyl Acetate	8.566	43	628128	21.419	ug/l #	93
44) Trichloroethene	9.217	130	199139	19.959	ug/l	90
45) 1,2-Dichloropropane	9.494	63	233364	20.952	ug/l	99
46) Dibromomethane	9.577	93	152808	20.482	ug/l	90
47) Bromodichloromethane	9.764	83	283945	20.396	ug/l	98
48) Methyl methacrylate	9.563	41	277968	20.147	ug/l	89
49) 1,4-Dioxane	9.571	88	102807	400.367	ug/l #	89
51) 4-Methyl-2-Pentanone	10.333	43	2108769	111.404	ug/l	95
52) Toluene	10.507	92	536343	20.651	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	285329	18.427	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	314943	18.588	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	218044	20.827	ug/l	99
56) Ethyl methacrylate	10.762	69	360986	19.598	ug/l	88
57) 1,3-Dichloropropane	11.046	76	381383	20.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	410612	96.337	ug/l	92
59) 2-Hexanone	11.087	43	1519763	100.010	ug/l	92
60) Dibromochloromethane	11.240	129	193633	18.454	ug/l	100
61) 1,2-Dibromoethane	11.347	107	223702	19.804	ug/l	99
64) Tetrachloroethene	10.979	164	180900	19.772	ug/l	94
65) Chlorobenzene	11.771	112	570190	20.217	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	199173	20.360	ug/l	99
67) Ethyl Benzene	11.846	91	1052310	20.230	ug/l	97
68) m/p-Xylenes	11.956	106	779654	40.753	ug/l	94
69) o-Xylene	12.283	106	384204	20.145	ug/l	92
70) Styrene	12.296	104	619124	19.051	ug/l	96
71) Bromoform	12.460	173	133012	18.013	ug/l #	99
73) Isopropylbenzene	12.581	105	1021450	20.243	ug/l	98
74) N-amyl acetate	12.390	43	433912	20.291	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	356553	20.951	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	360069m	24.619	ug/l	
77) Bromobenzene	12.862	156	232866	20.178	ug/l	80
78) n-propylbenzene	12.924	91	1141021	20.096	ug/l	96
79) 2-Chlorotoluene	13.010	91	704535	20.040	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	828297	20.305	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	76774	19.604	ug/l	85
82) 4-Chlorotoluene	13.106	91	668375	19.944	ug/l	94
83) tert-Butylbenzene	13.326	119	746444	20.881	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	816882	20.743	ug/l	97
85) sec-Butylbenzene	13.503	105	1019197	20.410	ug/l	97
86) p-Isopropyltoluene	13.618	119	791574	19.968	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	392913	19.638	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	377812	19.248	ug/l	97
89) n-Butylbenzene	13.943	91	614223	18.580	ug/l	97
90) Hexachloroethane	14.214	117	124415	18.498	ug/l	82
91) 1,2-Dichlorobenzene	13.991	146	389149	20.440	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	57954	19.455	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	154823	17.667	ug/l	98
94) Hexachlorobutadiene	15.370	225	96794	19.567	ug/l	98
95) Naphthalene	15.509	128	416411	17.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	153751	18.266	ug/l	98

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

