

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070581.D
 Acq On : 12 Jan 2022 12:58
 Operator : JC/MD
 Sample : VN0112WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS01

Quant Time: Jan 13 04:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1041980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1665930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1529621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	655051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	752007	50.195	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.400%			
35) Dibromofluoromethane	8.018	113	558839	55.442	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.880%			
50) Toluene-d8	10.437	98	2273161	55.205	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.420%			
62) 4-Bromofluorobenzene	12.728	95	835549	56.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.072	85	193796	16.400	ug/l	100
3) Chloromethane	2.303	50	276883	17.225	ug/l	99
4) Vinyl Chloride	2.451	62	251911	17.213	ug/l	100
5) Bromomethane	2.869	94	154238	20.419	ug/l	98
6) Chloroethane	3.027	64	163277	18.526	ug/l	99
7) Trichlorofluoromethane	3.384	101	327925	18.616	ug/l	99
8) Diethyl Ether	3.824	74	149652	19.272	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	206571	19.173	ug/l	95
10) Methyl Iodide	4.425	142	269363	18.474	ug/l	98
11) Tert butyl alcohol	5.366	59	206736	82.876	ug/l	97
12) 1,1-Dichloroethene	4.186	96	194721	18.349	ug/l	91
13) Acrolein	4.041	56	138320	68.339	ug/l	98
14) Allyl chloride	4.843	41	461140	19.166	ug/l #	84
15) Acrylonitrile	5.551	53	757536	97.316	ug/l	98
16) Acetone	4.285	43	875676	90.040	ug/l	98
17) Carbon Disulfide	4.532	76	484359	16.721	ug/l	98
18) Methyl Acetate	4.854	43	528626	18.791	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	770558	19.552	ug/l	94
20) Methylene Chloride	5.095	84	244740	18.188	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	208988	18.600	ug/l	85
22) Diisopropyl ether	6.492	45	966879	20.632	ug/l #	92
23) Vinyl Acetate	6.431	43	3598866	98.980	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	468539	19.282	ug/l	98
25) 2-Butanone	7.332	43	1138035	92.935	ug/l	93
26) 2,2-Dichloropropane	7.321	77	356321	18.588	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	258676	19.294	ug/l	86
28) Bromochloromethane	7.654	49	248301	20.895	ug/l #	76
29) Tetrahydrofuran	7.683	42	694994	95.125	ug/l #	87
30) Chloroform	7.815	83	443077	18.901	ug/l	99
31) Cyclohexane	8.093	56	458053	19.375	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	356810	18.052	ug/l	97
36) 1,1-Dichloropropene	8.220	75	325860	19.542	ug/l	96
37) Ethyl Acetate	7.410	43	423816	19.609	ug/l	95
38) Carbon Tetrachloride	8.203	117	289279	18.168	ug/l	98
39) Methylcyclohexane	9.456	83	398470	19.739	ug/l #	87
40) Benzene	8.458	78	1019395	19.941	ug/l	99

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41) Methacrylonitrile	7.632	41	226220	20.926	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	358668	18.666	ug/l	100
43) Isopropyl Acetate	8.557	43	661980	19.426	ug/l #	96
44) Trichloroethene	9.214	130	236454	19.467	ug/l	95
45) 1,2-Dichloropropane	9.485	63	288348	20.949	ug/l	100
46) Dibromomethane	9.577	93	163526	19.106	ug/l	95
47) Bromodichloromethane	9.759	83	331699	19.518	ug/l	98
48) Methyl methacrylate	9.558	41	301753	18.565	ug/l #	81
49) 1,4-Dioxane	9.566	88	84302	354.311	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	2129395	99.447	ug/l	97
52) Toluene	10.502	92	624693	20.189	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	362645	19.712	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	406600	20.430	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	247542	20.219	ug/l	98
56) Ethyl methacrylate	10.759	69	402873	19.915	ug/l	89
57) 1,3-Dichloropropane	11.041	76	441022	20.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	380498	86.698	ug/l	90
59) 2-Hexanone	11.081	43	1527361	97.814	ug/l	97
60) Dibromochloromethane	11.234	129	231395	19.371	ug/l	99
61) 1,2-Dibromoethane	11.341	107	241507	19.428	ug/l	100
64) Tetrachloroethene	10.974	164	216931	19.585	ug/l	97
65) Chlorobenzene	11.768	112	645886	19.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.837	131	223495	19.289	ug/l	98
67) Ethyl Benzene	11.843	91	1202743	20.226	ug/l	96
68) m/p-Xylenes	11.950	106	892308	41.223	ug/l	93
69) o-Xylene	12.277	106	445153	20.676	ug/l	93
70) Styrene	12.291	104	716637	21.030	ug/l	96
71) Bromoform	12.454	173	166589	19.373	ug/l #	100
73) Isopropylbenzene	12.575	105	1162896	19.117	ug/l	98
74) N-amyl acetate	12.385	43	451013	17.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.824	83	385958	18.384	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	341425m	19.377	ug/l	
77) Bromobenzene	12.857	156	262323	18.783	ug/l	77
78) n-propylbenzene	12.918	91	1337155	19.839	ug/l	96
79) 2-Chlorotoluene	13.004	91	815293	18.853	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	956114	19.614	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	99778	18.610	ug/l	96
82) 4-Chlorotoluene	13.101	91	796086	19.652	ug/l	91
83) tert-Butylbenzene	13.321	119	831292	19.367	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	926221	19.732	ug/l	98
85) sec-Butylbenzene	13.498	105	1155184	19.823	ug/l	97
86) p-Isopropyltoluene	13.613	119	921406	20.128	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	459483	19.653	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	449203	19.478	ug/l	97
89) n-Butylbenzene	13.940	91	731942	19.169	ug/l	97
90) Hexachloroethane	14.208	117	145815	18.335	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	444248	19.383	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59007	16.745	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	204826	18.967	ug/l	98
94) Hexachlorobutadiene	15.367	225	138745	22.106	ug/l	100
95) Naphthalene	15.504	128	460838	16.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	191116	19.022	ug/l	97

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

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