

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070296.D
 Acq On : 22 Dec 2021 18:09
 Operator : JC/MD
 Sample : VN1222WBS03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS03

Quant Time: Dec 23 04:32:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1040235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1737417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1587332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	618118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	671088	41.783	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.560%		
35) Dibromofluoromethane	8.021	113	464835	42.713	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.420%		
50) Toluene-d8	10.440	98	1765906	40.412	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	80.820%		
62) 4-Bromofluorobenzene	12.731	95	642770	40.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	147115	12.125	ug/l	100
3) Chloromethane	2.303	50	198075	13.031	ug/l	99
4) Vinyl Chloride	2.446	62	189111	13.531	ug/l	98
5) Bromomethane	2.848	94	109033	14.359	ug/l	99
6) Chloroethane	3.014	64	117211	13.685	ug/l	96
7) Trichlorofluoromethane	3.371	101	249479	13.600	ug/l	100
8) Diethyl Ether	3.824	74	120785	17.096	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	160891	15.647	ug/l	96
10) Methyl Iodide	4.417	142	197372	14.051	ug/l	98
11) Tert butyl alcohol	5.385	59	247507	81.525	ug/l	99
12) 1,1-Dichloroethene	4.175	96	149135	15.051	ug/l	91
13) Acrolein	4.039	56	218424	84.484	ug/l	99
14) Allyl chloride	4.838	41	356470	15.965	ug/l #	89
15) Acrylonitrile	5.557	53	700813	85.665	ug/l	99
16) Acetone	4.288	43	783249	81.069	ug/l	98
17) Carbon Disulfide	4.527	76	288144	11.256	ug/l	100
18) Methyl Acetate	4.859	43	497128	17.047	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	670553	17.405	ug/l	97
20) Methylene Chloride	5.098	84	200957	15.646	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	156855	14.574	ug/l #	82
22) Diisopropyl ether	6.498	45	783475	17.953	ug/l	94
23) Vinyl Acetate	6.434	43	3070782	86.490	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	383280	16.954	ug/l	98
25) 2-Butanone	7.337	43	1092429	83.218	ug/l	91
26) 2,2-Dichloropropane	7.324	77	291316	16.574	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	207240	15.938	ug/l	84
28) Bromochloromethane	7.657	49	177047	15.061	ug/l #	78
29) Tetrahydrofuran	7.689	42	681967	85.554	ug/l	87
30) Chloroform	7.817	83	385734	16.895	ug/l	100
31) Cyclohexane	8.094	56	329463	14.740	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	311191	16.001	ug/l	97
36) 1,1-Dichloropropene	8.222	75	246050	14.876	ug/l	96
37) Ethyl Acetate	7.415	43	399630	16.234	ug/l	95
38) Carbon Tetrachloride	8.204	117	245630	15.144	ug/l	95
39) Methylcyclohexane	9.459	83	277101	14.085	ug/l	89
40) Benzene	8.458	78	813603	16.093	ug/l	100

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41) Methacrylonitrile	7.638	41	218639	18.920	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	333295	16.331	ug/l	97
43) Isopropyl Acetate	8.563	43	633405	17.387	ug/l #	93
44) Trichloroethene	9.215	130	180981	14.999	ug/l	86
45) 1,2-Dichloropropane	9.491	63	230738	16.996	ug/l	99
46) Dibromomethane	9.577	93	141688	15.914	ug/l	93
47) Bromodichloromethane	9.762	83	288446	17.111	ug/l	98
48) Methyl methacrylate	9.561	41	283637	16.684	ug/l	87
49) 1,4-Dioxane	9.569	88	96426	316.104	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	2122794	89.824	ug/l	96
52) Toluene	10.505	92	499682	16.189	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	297361	16.639	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	323374	16.586	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	217220	17.443	ug/l	97
56) Ethyl methacrylate	10.760	69	355687	16.726	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	374197	17.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	492611	90.311	ug/l	91
59) 2-Hexanone	11.087	43	1555518	87.010	ug/l	93
60) Dibromochloromethane	11.240	129	198453	16.542	ug/l	100
61) 1,2-Dibromoethane	11.344	107	209997	16.280	ug/l	98
64) Tetrachloroethene	10.977	164	151939	14.117	ug/l	93
65) Chlorobenzene	11.771	112	537181	16.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	191864	16.928	ug/l	99
67) Ethyl Benzene	11.843	91	969261	16.570	ug/l	96
68) m/p-Xylenes	11.953	106	690613	32.426	ug/l	90
69) o-Xylene	12.280	106	354695	16.533	ug/l	91
70) Styrene	12.294	104	567437	16.680	ug/l	95
71) Bromoform	12.457	173	140664	16.449	ug/l #	100
73) Isopropylbenzene	12.578	105	941349	17.117	ug/l	97
74) N-amyl acetate	12.388	43	426769	17.547	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	353484	18.587	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	304263m	17.165	ug/l	
77) Bromobenzene	12.860	156	213199	16.504	ug/l	75
78) n-propylbenzene	12.921	91	1008020	16.472	ug/l	96
79) 2-Chlorotoluene	13.007	91	655241	16.945	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	751680	16.982	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	84036	18.317	ug/l	91
82) 4-Chlorotoluene	13.106	91	605326	16.646	ug/l	92
83) tert-Butylbenzene	13.324	119	663602	16.931	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	731404	17.350	ug/l	97
85) sec-Butylbenzene	13.501	105	882654	16.602	ug/l	98
86) p-Isopropyltoluene	13.616	119	686216	16.513	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	344754	16.245	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	329837	15.816	ug/l	94
89) n-Butylbenzene	13.943	91	523063	15.516	ug/l	97
90) Hexachloroethane	14.211	117	120248	16.481	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	346939	16.779	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	60177	17.511	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	149804	16.799	ug/l	98
94) Hexachlorobutadiene	15.370	225	92588	16.896	ug/l	99
95) Naphthalene	15.507	128	416740	16.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	149864	16.860	ug/l	96

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

