

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070300.D
 Acq On : 22 Dec 2021 19:51
 Operator : JC/MD
 Sample : VN1222WBS04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS04

Quant Time: Dec 23 04:33:22 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	991356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1636725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1505500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	590216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	787739	51.464	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.920%			
35) Dibromofluoromethane	8.021	113	547127	53.367	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.740%			
50) Toluene-d8	10.440	98	2073654	50.374	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.731	95	756153	50.703	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	152788	13.214	ug/l	99
3) Chloromethane	2.303	50	197420	13.628	ug/l	98
4) Vinyl Chloride	2.445	62	189167	14.202	ug/l	99
5) Bromomethane	2.850	94	112826	15.591	ug/l	100
6) Chloroethane	3.017	64	119765	14.673	ug/l	100
7) Trichlorofluoromethane	3.373	101	258328	14.777	ug/l	97
8) Diethyl Ether	3.821	74	119569	17.759	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	165149	16.853	ug/l	97
10) Methyl Iodide	4.417	142	204829	15.300	ug/l	98
11) Tert butyl alcohol	5.385	59	253968	87.778	ug/l	99
12) 1,1-Dichloroethene	4.175	96	150699	15.959	ug/l	91
13) Acrolein	4.039	56	214473	87.046	ug/l	98
14) Allyl chloride	4.840	41	359090	16.876	ug/l	89
15) Acrylonitrile	5.554	53	706512	90.620	ug/l	99
16) Acetone	4.291	43	745727	80.991	ug/l	98
17) Carbon Disulfide	4.524	76	298070	12.218	ug/l	99
18) Methyl Acetate	4.857	43	499779	17.982	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	694518	18.915	ug/l	95
20) Methylene Chloride	5.093	84	204042	16.670	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	162166	15.811	ug/l	85
22) Diisopropyl ether	6.498	45	800894	19.257	ug/l #	93
23) Vinyl Acetate	6.434	43	3122847	92.293	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	389686	18.088	ug/l	99
25) 2-Butanone	7.337	43	1077533	86.131	ug/l	91
26) 2,2-Dichloropropane	7.324	77	290055	17.316	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	215487	17.389	ug/l	86
28) Bromochloromethane	7.657	49	192321	17.166	ug/l #	76
29) Tetrahydrofuran	7.689	42	676694	89.078	ug/l	89
30) Chloroform	7.817	83	394095	18.112	ug/l	99
31) Cyclohexane	8.094	56	338655	15.898	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	324381	17.502	ug/l	97
36) 1,1-Dichloropropene	8.220	75	253373	16.262	ug/l	95
37) Ethyl Acetate	7.415	43	395798	17.067	ug/l	96
38) Carbon Tetrachloride	8.206	117	258259	16.903	ug/l	99
39) Methylcyclohexane	9.459	83	288160	15.548	ug/l	90
40) Benzene	8.458	78	825194	17.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	210798	19.364	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	342398	17.810	ug/l	96
43) Isopropyl Acetate	8.563	43	643577	18.753	ug/l #	93
44) Trichloroethene	9.215	130	188844	16.613	ug/l	90
45) 1,2-Dichloropropane	9.491	63	236900	18.524	ug/l	99
46) Dibromomethane	9.577	93	145241	17.316	ug/l	94
47) Bromodichloromethane	9.762	83	295515	18.609	ug/l	99
48) Methyl methacrylate	9.561	41	290278	18.125	ug/l	87
49) 1,4-Dioxane	9.571	88	97274	338.501	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	2162573	97.137	ug/l	95
52) Toluene	10.505	92	507240	17.445	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	311196	18.174	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	338762	18.220	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	219458	18.707	ug/l	97
56) Ethyl methacrylate	10.762	69	365365	18.032	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	378112	18.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	487027	93.870	ug/l	90
59) 2-Hexanone	11.084	43	1581636	93.914	ug/l	93
60) Dibromochloromethane	11.237	129	208161	18.149	ug/l	99
61) 1,2-Dibromoethane	11.347	107	214054	17.616	ug/l	99
64) Tetrachloroethene	10.977	164	167002	16.359	ug/l	94
65) Chlorobenzene	11.771	112	548999	17.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	199746	18.581	ug/l	99
67) Ethyl Benzene	11.843	91	994013	17.917	ug/l	96
68) m/p-Xylenes	11.953	106	709661	35.131	ug/l	90
69) o-Xylene	12.280	106	368424	18.107	ug/l	93
70) Styrene	12.294	104	592426	18.361	ug/l	95
71) Bromoform	12.457	173	147888	17.937	ug/l #	99
73) Isopropylbenzene	12.578	105	978526	18.634	ug/l	98
74) N-amyl acetate	12.388	43	463532	19.960	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	360221	19.837	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	304194m	17.972	ug/l	
77) Bromobenzene	12.860	156	221624	17.968	ug/l	76
78) n-propylbenzene	12.921	91	1054596	18.047	ug/l	96
79) 2-Chlorotoluene	13.007	91	672990	18.227	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	780552	18.467	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	82388	18.698	ug/l	89
82) 4-Chlorotoluene	13.104	91	636237	18.323	ug/l	91
83) tert-Butylbenzene	13.324	119	684121	18.279	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	772834	19.199	ug/l	97
85) sec-Butylbenzene	13.501	105	930780	18.335	ug/l	98
86) p-Isopropyltoluene	13.616	119	723152	18.224	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	373848	18.449	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	363629	18.260	ug/l	97
89) n-Butylbenzene	13.943	91	576225	17.902	ug/l	98
90) Hexachloroethane	14.211	117	123485	17.725	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	376236	19.056	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64901	19.779	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	182264	20.617	ug/l	98
94) Hexachlorobutadiene	15.370	225	98399	18.805	ug/l	99
95) Naphthalene	15.507	128	606569	23.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	192232	21.812	ug/l	98

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

