

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070677.D
 Acq On : 18 Jan 2022 20:16
 Operator : JC/MD
 Sample : VN0118WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS01

Quant Time: Jan 19 01:11:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	875602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1455303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1336728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	523076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	638119	50.851	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.700%			
35) Dibromofluoromethane	8.021	113	451319	49.995	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.000%			
50) Toluene-d8	10.440	98	1904825	50.088	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.728	95	659049	48.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	176620	17.456	ug/l	100
3) Chloromethane	2.303	50	262890	17.775	ug/l	100
4) Vinyl Chloride	2.448	62	248949	17.698	ug/l	99
5) Bromomethane	2.853	94	148856	20.318	ug/l	98
6) Chloroethane	3.019	64	157102	17.897	ug/l	94
7) Trichlorofluoromethane	3.379	101	293426	18.260	ug/l	98
8) Diethyl Ether	3.827	74	124154	17.687	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	162747	16.757	ug/l	95
10) Methyl Iodide	4.422	142	223467	17.843	ug/l	100
11) Tert butyl alcohol	5.377	59	205326	90.693	ug/l	98
12) 1,1-Dichloroethene	4.178	96	163959	16.926	ug/l	93
13) Acrolein	4.041	56	285559	87.947	ug/l	97
14) Allyl chloride	4.840	41	379777	17.994	ug/l #	84
15) Acrylonitrile	5.554	53	670234	93.061	ug/l	100
16) Acetone	4.288	43	663841	76.218	ug/l	98
17) Carbon Disulfide	4.527	76	441435	16.780	ug/l	99
18) Methyl Acetate	4.854	43	307133	17.931	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	643018	18.582	ug/l	94
20) Methylene Chloride	5.095	84	206779	18.023	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	175674	18.020	ug/l #	83
22) Diisopropyl ether	6.498	45	803097	19.197	ug/l	91
23) Vinyl Acetate	6.434	43	3352584	94.541	ug/l	94
24) 1,1-Dichloroethane	6.385	63	385401	18.418	ug/l	97
25) 2-Butanone	7.335	43	979419	89.364	ug/l	92
26) 2,2-Dichloropropane	7.324	77	281685	17.557	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	208401	17.995	ug/l	85
28) Bromochloromethane	7.659	49	167147	17.791	ug/l #	76
29) Tetrahydrofuran	7.686	42	655406	97.665	ug/l	87
30) Chloroform	7.817	83	392619	18.899	ug/l	97
31) Cyclohexane	8.094	56	394219	17.840	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	299028	18.410	ug/l	98
36) 1,1-Dichloropropene	8.222	75	273342	17.986	ug/l	95
37) Ethyl Acetate	7.412	43	377116	18.691	ug/l	97
38) Carbon Tetrachloride	8.206	117	239049	17.682	ug/l	100
39) Methylcyclohexane	9.459	83	326686	17.413	ug/l	88
40) Benzene	8.458	78	858858	18.239	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	188136	18.329	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	299987	18.373	ug/l	100
43) Isopropyl Acetate	8.560	43	572664	18.583	ug/l	96
44) Trichloroethene	9.217	130	190162	17.813	ug/l	93
45) 1,2-Dichloropropane	9.488	63	233390	18.216	ug/l	99
46) Dibromomethane	9.577	93	137199	18.417	ug/l	95
47) Bromodichloromethane	9.759	83	267814	17.587	ug/l	96
48) Methyl methacrylate	9.558	41	257992	17.573	ug/l #	83
49) 1,4-Dioxane	9.569	88	82447	373.866	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1887840	96.004	ug/l	98
52) Toluene	10.505	92	520406	18.475	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	289292	17.316	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	327890	17.954	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	199393	18.019	ug/l	98
56) Ethyl methacrylate	10.760	69	339977	17.713	ug/l	88
57) 1,3-Dichloropropane	11.044	76	362761	18.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	363210	83.490	ug/l	89
59) 2-Hexanone	11.084	43	1329252	93.051	ug/l	97
60) Dibromochloromethane	11.237	129	184114	17.838	ug/l	99
61) 1,2-Dibromoethane	11.344	107	200441	18.042	ug/l	99
64) Tetrachloroethene	10.977	164	176645	18.023	ug/l	96
65) Chlorobenzene	11.768	112	522265	18.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	180150	18.063	ug/l	98
67) Ethyl Benzene	11.843	91	991014	18.456	ug/l	96
68) m/p-Xylenes	11.953	106	712418	36.471	ug/l	90
69) o-Xylene	12.280	106	356299	18.380	ug/l	92
70) Styrene	12.294	104	568422	18.329	ug/l	95
71) Bromoform	12.457	173	130474	17.319	ug/l #	98
73) Isopropylbenzene	12.578	105	925280	18.698	ug/l	98
74) N-amyl acetate	12.387	43	366834	18.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	319613	19.124	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	261364m	18.839	ug/l	
77) Bromobenzene	12.860	156	207422	18.695	ug/l	75
78) n-propylbenzene	12.919	91	1043427	18.854	ug/l	95
79) 2-Chlorotoluene	13.007	91	651869	18.620	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	769526	19.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	79808	17.138	ug/l	97
82) 4-Chlorotoluene	13.104	91	612986	18.741	ug/l	91
83) tert-Butylbenzene	13.321	119	643978	18.487	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	742762	19.309	ug/l	96
85) sec-Butylbenzene	13.500	105	892184	18.839	ug/l	96
86) p-Isopropyltoluene	13.616	119	703391	18.907	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	343513	18.612	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	328320	17.875	ug/l	96
89) n-Butylbenzene	13.940	91	553028	18.019	ug/l	97
90) Hexachloroethane	14.209	117	115380	17.742	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	337477	18.507	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51106	18.027	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	149539	17.839	ug/l	98
94) Hexachlorobutadiene	15.370	225	101016	18.704	ug/l	99
95) Naphthalene	15.507	128	426410	19.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	145468	17.950	ug/l	98

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

