

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070721.D
 Acq On : 20 Jan 2022 15:38
 Operator : JC/MD
 Sample : VN0120WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:14:48 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	763044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1254767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1143391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	473316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	582202	53.239	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.480%			
35) Dibromofluoromethane	8.021	113	411674	52.892	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.780%			
50) Toluene-d8	10.441	98	1709370	52.132	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.731	95	591626	50.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	164816	18.692	ug/l	98
3) Chloromethane	2.303	50	227210	17.629	ug/l	98
4) Vinyl Chloride	2.448	62	220696	18.004	ug/l	96
5) Bromomethane	2.859	94	141035	22.090	ug/l	97
6) Chloroethane	3.022	64	143126	18.710	ug/l	97
7) Trichlorofluoromethane	3.379	101	286546	20.462	ug/l	97
8) Diethyl Ether	3.827	74	135071	22.081	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	180822	21.365	ug/l	96
10) Methyl Iodide	4.422	142	248809	22.797	ug/l	97
11) Tert butyl alcohol	5.382	59	202564	102.672	ug/l	97
12) 1,1-Dichloroethene	4.178	96	179866	21.308	ug/l	92
13) Acrolein	4.041	56	352446	124.559	ug/l	99
14) Allyl chloride	4.843	41	414204	22.520	ug/l	85
15) Acrylonitrile	5.557	53	628879	100.199	ug/l	99
16) Acetone	4.288	43	809529	106.656	ug/l	96
17) Carbon Disulfide	4.529	76	482193	21.033	ug/l	98
18) Methyl Acetate	4.857	43	340943	22.841	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	597631	19.818	ug/l	96
20) Methylene Chloride	5.093	84	222177	22.222	ug/l	88
21) trans-1,2-Dichloroethene	5.602	96	162355	19.110	ug/l	87
22) Diisopropyl ether	6.498	45	727950	19.968	ug/l	94
23) Vinyl Acetate	6.436	43	3135550	101.464	ug/l	95
24) 1,1-Dichloroethane	6.388	63	355876	19.515	ug/l	99
25) 2-Butanone	7.337	43	938741	98.288	ug/l	91
26) 2,2-Dichloropropane	7.327	77	274921	19.664	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	192922	19.116	ug/l	85
28) Bromochloromethane	7.659	49	157444	19.230	ug/l #	76
29) Tetrahydrofuran	7.686	42	608234	104.005	ug/l	87
30) Chloroform	7.818	83	347414	19.198	ug/l	100
31) Cyclohexane	8.094	56	358778	18.631	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	281811	19.910	ug/l	97
36) 1,1-Dichloropropene	8.223	75	250391	19.109	ug/l	95
37) Ethyl Acetate	7.415	43	346009	19.890	ug/l	97
38) Carbon Tetrachloride	8.206	117	230628	19.785	ug/l	98
39) Methylcyclohexane	9.459	83	301780	18.656	ug/l	87
40) Benzene	8.461	78	793910	19.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	178272	20.143	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	284114	20.182	ug/l	99
43) Isopropyl Acetate	8.560	43	551964	20.774	ug/l #	94
44) Trichloroethene	9.215	130	174391	18.947	ug/l	87
45) 1,2-Dichloropropane	9.488	63	214025	19.375	ug/l	99
46) Dibromomethane	9.577	93	129459	20.155	ug/l	93
47) Bromodichloromethane	9.762	83	255299	19.444	ug/l	99
48) Methyl methacrylate	9.558	41	241250	19.059	ug/l #	83
49) 1,4-Dioxane	9.572	88	84940	446.728	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	1761923	103.921	ug/l	98
52) Toluene	10.505	92	483477	19.907	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	280947	19.201	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	310197	19.700	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	189013	19.811	ug/l	98
56) Ethyl methacrylate	10.760	69	320596	19.157	ug/l	88
57) 1,3-Dichloropropane	11.044	76	337446	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	369269	94.644	ug/l	90
59) 2-Hexanone	11.084	43	1302737	105.770	ug/l	96
60) Dibromochloromethane	11.237	129	179065	20.121	ug/l	99
61) 1,2-Dibromoethane	11.344	107	187731	19.598	ug/l	99
64) Tetrachloroethene	10.977	164	148978	17.771	ug/l	93
65) Chlorobenzene	11.768	112	479705	19.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	170106	19.940	ug/l	99
67) Ethyl Benzene	11.843	91	908790	19.787	ug/l	95
68) m/p-Xylenes	11.953	106	666755	39.905	ug/l	92
69) o-Xylene	12.280	106	328048	19.784	ug/l	90
70) Styrene	12.294	104	532399	20.070	ug/l	95
71) Bromoform	12.457	173	128831	19.993	ug/l #	99
73) Isopropylbenzene	12.578	105	856843	19.135	ug/l	98
74) N-amyl acetate	12.388	43	365966	19.989	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	303083	20.042	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	264225m	21.048	ug/l	
77) Bromobenzene	12.860	156	193571	19.281	ug/l	75
78) n-propylbenzene	12.919	91	973200	19.434	ug/l	95
79) 2-Chlorotoluene	13.007	91	609147	19.229	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	711640	19.653	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	82165	19.499	ug/l	98
82) 4-Chlorotoluene	13.104	91	573100	19.363	ug/l	91
83) tert-Butylbenzene	13.324	119	600842	19.062	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	692980	19.909	ug/l	97
85) sec-Butylbenzene	13.501	105	833348	19.447	ug/l	96
86) p-Isopropyltoluene	13.616	119	656064	19.489	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	326548	19.553	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	315823	19.002	ug/l	95
89) n-Butylbenzene	13.943	91	514720	18.534	ug/l	97
90) Hexachloroethane	14.209	117	113465	19.282	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	319204	19.345	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51352	20.018	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	144726	18.842	ug/l	97
94) Hexachlorobutadiene	15.370	225	98558	20.168	ug/l	99
95) Naphthalene	15.504	128	361555	18.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	139100	18.787	ug/l	99

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

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