

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070644.D
 Acq On : 17 Jan 2022 14:47
 Operator : JC/MD
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 17:03:51 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	859218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1399294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1285006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	514371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	598212	48.423	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.021	113	447802	52.891	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.780%		
50) Toluene-d8	10.440	98	1754053	50.715	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.440%		
62) 4-Bromofluorobenzene	12.731	95	634703	50.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	149498	15.343	ug/l	97
3) Chloromethane	2.303	50	213815	16.131	ug/l	99
4) Vinyl Chloride	2.448	62	206876	17.143	ug/l	97
5) Bromomethane	2.858	94	125214	20.103	ug/l	97
6) Chloroethane	3.025	64	133884	18.422	ug/l	98
7) Trichlorofluoromethane	3.379	101	265790	18.298	ug/l	97
8) Diethyl Ether	3.824	74	127487	19.910	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	166224	18.710	ug/l	94
10) Methyl Iodide	4.422	142	209390	17.416	ug/l	97
11) Tert butyl alcohol	5.374	59	226582	110.152	ug/l #	87
12) 1,1-Dichloroethene	4.181	96	155199	17.735	ug/l	94
13) Acrolein	4.041	56	105555	63.244	ug/l	97
14) Allyl chloride	4.840	41	379568	19.131	ug/l #	82
15) Acrylonitrile	5.556	53	702249	109.403	ug/l	99
16) Acetone	4.288	43	706720	88.124	ug/l	97
17) Carbon Disulfide	4.529	76	361003	15.113	ug/l	99
18) Methyl Acetate	4.859	43	485121	20.912	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	666784	20.518	ug/l	94
20) Methylene Chloride	5.095	84	206775	18.636	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	167605	18.090	ug/l	87
22) Diisopropyl ether	6.495	45	812009	21.013	ug/l #	92
23) Vinyl Acetate	6.433	43	3038854	101.355	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	383595	19.144	ug/l	99
25) 2-Butanone	7.337	43	1031720	102.174	ug/l	93
26) 2,2-Dichloropropane	7.327	77	283125	17.911	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	212487	19.220	ug/l	87
28) Bromochloromethane	7.656	49	201087	20.521	ug/l #	75
29) Tetrahydrofuran	7.689	42	662793	110.014	ug/l	87
30) Chloroform	7.817	83	363928	18.827	ug/l	100
31) Cyclohexane	8.091	56	358227	18.375	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	295054	18.103	ug/l	97
36) 1,1-Dichloropropene	8.220	75	256155	18.289	ug/l	97
37) Ethyl Acetate	7.412	43	374742	20.642	ug/l	97
38) Carbon Tetrachloride	8.206	117	238458	17.830	ug/l	99
39) Methylcyclohexane	9.459	83	306710	18.088	ug/l #	88
40) Benzene	8.458	78	836611	19.484	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	203689	22.432	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	297249	18.418	ug/l	100
43) Isopropyl Acetate	8.560	43	592372	20.696	ug/l #	95
44) Trichloroethene	9.215	130	189843	18.607	ug/l	90
45) 1,2-Dichloropropane	9.491	63	240063	20.765	ug/l	100
46) Dibromomethane	9.577	93	139976	19.471	ug/l	95
47) Bromodichloromethane	9.762	83	279513	19.581	ug/l	99
48) Methyl methacrylate	9.558	41	266584	19.526	ug/l #	85
49) 1,4-Dioxane	9.569	88	92237	461.530	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	1971461	109.615	ug/l	98
52) Toluene	10.505	92	509348	19.598	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	299749	19.397	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	337153	20.169	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	212194	20.635	ug/l	97
56) Ethyl methacrylate	10.759	69	354953	20.890	ug/l	88
57) 1,3-Dichloropropane	11.044	76	376271	20.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	465987	117.929	ug/l	90
59) 2-Hexanone	11.084	43	1407930	107.347	ug/l	97
60) Dibromochloromethane	11.237	129	198081	19.742	ug/l	100
61) 1,2-Dibromoethane	11.344	107	206387	19.766	ug/l	99
64) Tetrachloroethene	10.977	164	177800	19.107	ug/l	96
65) Chlorobenzene	11.768	112	529594	19.424	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	188143	19.329	ug/l	98
67) Ethyl Benzene	11.843	91	978066	19.579	ug/l	97
68) m/p-Xylenes	11.953	106	717141	39.438	ug/l	93
69) o-Xylene	12.280	106	360815	19.949	ug/l	93
70) Styrene	12.294	104	580514	20.279	ug/l	96
71) Bromoform	12.457	173	146460	20.275	ug/l #	99
73) Isopropylbenzene	12.578	105	937671	19.630	ug/l	98
74) N-amyl acetate	12.387	43	390610	19.448	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	337445	20.505	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	299611m	21.333	ug/l	
77) Bromobenzene	12.859	156	211741	19.308	ug/l	75
78) n-propylbenzene	12.921	91	1047976	19.801	ug/l	95
79) 2-Chlorotoluene	13.007	91	662955	19.523	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	760921	19.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	85227	20.244	ug/l	97
82) 4-Chlorotoluene	13.104	91	617829	19.423	ug/l	92
83) tert-Butylbenzene	13.323	119	648667	19.245	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	748941	20.319	ug/l	96
85) sec-Butylbenzene	13.500	105	906148	19.802	ug/l	96
86) p-Isopropyltoluene	13.616	119	714896	19.888	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	357358	19.466	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	339574	18.752	ug/l	97
89) n-Butylbenzene	13.943	91	550485	18.360	ug/l	97
90) Hexachloroethane	14.211	117	119650	19.160	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	345835	19.216	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	52516	18.979	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	159071	18.758	ug/l	98
94) Hexachlorobutadiene	15.370	225	103112	20.922	ug/l	99
95) Naphthalene	15.507	128	421082	19.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	159169	20.125	ug/l	99

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

