

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070728.D
 Acq On : 21 Jan 2022 12:49
 Operator : JC/MD
 Sample : VN0121WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:28:10 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	8.083	168	750318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1206624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1104511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	465177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	508364	47.275	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.560%		
35) Dibromofluoromethane	8.018	113	363375	48.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.100%		
50) Toluene-d8	10.438	98	1490650	47.275	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.728	95	523853	46.623	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	157758	18.195	ug/l	99
3) Chloromethane	2.303	50	213310	16.831	ug/l	97
4) Vinyl Chloride	2.451	62	215500	17.878	ug/l	97
5) Bromomethane	2.866	94	140235	22.338	ug/l	99
6) Chloroethane	3.030	64	137626	18.296	ug/l	98
7) Trichlorofluoromethane	3.384	101	297020	21.570	ug/l	99
8) Diethyl Ether	3.827	74	105367	17.517	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.215	101	150839	18.124	ug/l	93
10) Methyl Iodide	4.425	142	188986	17.610	ug/l	99
11) Tert butyl alcohol	5.366	59	142489	73.447	ug/l #	88
12) 1,1-Dichloroethene	4.186	96	142264	17.139	ug/l	90
13) Acrolein	4.041	56	302097	108.576	ug/l	99
14) Allyl chloride	4.843	41	323278	17.875	ug/l	86
15) Acrylonitrile	5.551	53	506662	82.096	ug/l	99
16) Acetone	4.282	43	587866	78.765	ug/l	98
17) Carbon Disulfide	4.535	76	396530	17.589	ug/l	100
18) Methyl Acetate	4.854	43	239391	16.309	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	556097	18.753	ug/l	94
20) Methylene Chloride	5.098	84	172839	17.581	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	154212	18.459	ug/l #	83
22) Diisopropyl ether	6.495	45	679406	18.953	ug/l #	93
23) Vinyl Acetate	6.431	43	2796813	92.038	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	333300	18.587	ug/l	98
25) 2-Butanone	7.332	43	752210	80.093	ug/l	92
26) 2,2-Dichloropropane	7.324	77	263997	19.202	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	180322	18.170	ug/l	84
28) Bromochloromethane	7.656	49	141314	17.553	ug/l #	76
29) Tetrahydrofuran	7.683	42	469626	81.666	ug/l	88
30) Chloroform	7.815	83	327468	18.381	ug/l	99
31) Cyclohexane	8.091	56	344481	18.192	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	272651	19.589	ug/l	97
36) 1,1-Dichloropropene	8.220	75	242770	19.267	ug/l	96
37) Ethyl Acetate	7.410	43	285951	17.094	ug/l	97
38) Carbon Tetrachloride	8.204	117	225011	20.073	ug/l	99
39) Methylcyclohexane	9.459	83	295706	19.010	ug/l	88
40) Benzene	8.458	78	741244	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	143476	16.858	ug/l	92
42) 1,2-Dichloroethane	8.528	62	267196	19.737	ug/l	99
43) Isopropyl Acetate	8.558	43	449991	17.611	ug/l	97
44) Trichloroethene	9.215	130	169445	19.144	ug/l	90
45) 1,2-Dichloropropane	9.488	63	203595	19.166	ug/l	97
46) Dibromomethane	9.574	93	119391	19.329	ug/l	94
47) Bromodichloromethane	9.759	83	242724	19.224	ug/l	99
48) Methyl methacrylate	9.558	41	221757	18.218	ug/l #	78
49) 1,4-Dioxane	9.569	88	57522	314.598	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	1412124	86.612	ug/l	98
52) Toluene	10.502	92	458514	19.633	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	262922	18.750	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	291727	19.266	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	168597	18.376	ug/l	95
56) Ethyl methacrylate	10.759	69	282814	17.764	ug/l	90
57) 1,3-Dichloropropane	11.041	76	308128	18.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	249754	72.867	ug/l	90
59) 2-Hexanone	11.081	43	1011701	85.418	ug/l	96
60) Dibromochloromethane	11.234	129	167281	19.547	ug/l	99
61) 1,2-Dibromoethane	11.344	107	168985	18.345	ug/l	100
64) Tetrachloroethene	10.974	164	159030	19.637	ug/l	96
65) Chlorobenzene	11.768	112	458295	19.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	163100	19.792	ug/l	99
67) Ethyl Benzene	11.840	91	867653	19.556	ug/l	95
68) m/p-Xylenes	11.950	106	634340	39.301	ug/l	90
69) o-Xylene	12.277	106	309663	19.333	ug/l	89
70) Styrene	12.291	104	499286	19.485	ug/l	95
71) Bromoform	12.454	173	118150	18.981	ug/l #	99
73) Isopropylbenzene	12.575	105	824273	18.730	ug/l	98
74) N-amyl acetate	12.385	43	294918	16.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	257476	17.324	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	255272m	20.690	ug/l	
77) Bromobenzene	12.857	156	182903	18.537	ug/l	77
78) n-propylbenzene	12.918	91	937724	19.053	ug/l	96
79) 2-Chlorotoluene	13.004	91	576753	18.525	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	685114	19.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	68793	16.611	ug/l	97
82) 4-Chlorotoluene	13.103	91	554556	19.064	ug/l	91
83) tert-Butylbenzene	13.321	119	586658	18.937	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	665431	19.452	ug/l	97
85) sec-Butylbenzene	13.498	105	804292	19.097	ug/l	97
86) p-Isopropyltoluene	13.613	119	650220	19.653	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	313532	19.102	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	303676	18.591	ug/l	95
89) n-Butylbenzene	13.940	91	517722	18.969	ug/l	98
90) Hexachloroethane	14.208	117	109965	19.014	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	300129	18.508	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	39669	15.735	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	129127	17.421	ug/l	98
94) Hexachlorobutadiene	15.364	225	99117	20.637	ug/l	99
95) Naphthalene	15.504	128	279619	15.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	120829	16.978	ug/l	99

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

