

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070606.D
 Acq On : 13 Jan 2022 12:52
 Operator : JC/MD
 Sample : VN0113WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 04:52:46 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	8.083	168	747946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1207726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1118998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	472573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	577245	53.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.360%			
35) Dibromofluoromethane	8.021	113	423132	57.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.800%			
50) Toluene-d8	10.440	98	1671369	55.990	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.980%			
62) 4-Bromofluorobenzene	12.728	95	606593	56.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	150231	17.712	ug/l	99
3) Chloromethane	2.303	50	212672	18.432	ug/l	99
4) Vinyl Chloride	2.448	62	190551	18.139	ug/l	99
5) Bromomethane	2.853	94	121461	22.401	ug/l	97
6) Chloroethane	3.019	64	131355	20.763	ug/l	99
7) Trichlorofluoromethane	3.376	101	255816	20.232	ug/l	96
8) Diethyl Ether	3.821	74	119241	21.392	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	161242	20.849	ug/l	95
10) Methyl Iodide	4.419	142	201796	19.281	ug/l	99
11) Tert butyl alcohol	5.377	59	198099	110.633	ug/l #	83
12) 1,1-Dichloroethene	4.181	96	146554	19.239	ug/l	90
13) Acrolein	4.038	56	119556	82.289	ug/l	99
14) Allyl chloride	4.835	41	362748	21.004	ug/l #	82
15) Acrylonitrile	5.554	53	663633	118.768	ug/l	98
16) Acetone	4.285	43	709518	101.635	ug/l	96
17) Carbon Disulfide	4.527	76	360976	17.360	ug/l	100
18) Methyl Acetate	4.854	43	462099	22.883	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	630222	22.278	ug/l	95
20) Methylene Chloride	5.093	84	198670	20.569	ug/l #	87
21) trans-1,2-Dichloroethene	5.597	96	162325	20.126	ug/l	90
22) Diisopropyl ether	6.495	45	773531	22.995	ug/l #	92
23) Vinyl Acetate	6.433	43	2952855	113.139	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	369833	21.203	ug/l	98
25) 2-Butanone	7.335	43	985616	112.129	ug/l	91
26) 2,2-Dichloropropane	7.327	77	270968	19.693	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	204244	21.223	ug/l	88
28) Bromochloromethane	7.659	49	190404	22.321	ug/l #	75
29) Tetrahydrofuran	7.686	42	624629	119.104	ug/l	87
30) Chloroform	7.817	83	355018	21.098	ug/l	99
31) Cyclohexane	8.094	56	344862	20.322	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	279759	19.718	ug/l	96
36) 1,1-Dichloropropene	8.220	75	250116	20.691	ug/l	95
37) Ethyl Acetate	7.410	43	366846	23.412	ug/l	96
38) Carbon Tetrachloride	8.206	117	229638	19.894	ug/l	97
39) Methylcyclohexane	9.459	83	296837	20.283	ug/l #	87
40) Benzene	8.458	78	805015	21.722	ug/l	100

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41) Methacrylonitrile	7.635	41	187930	23.979	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	288844	20.736	ug/l	99
43) Isopropyl Acetate	8.560	43	573624	23.220	ug/l #	94
44) Trichloroethene	9.215	130	177459	20.153	ug/l	86
45) 1,2-Dichloropropane	9.488	63	230203	23.070	ug/l	100
46) Dibromomethane	9.577	93	135926	21.907	ug/l	94
47) Bromodichloromethane	9.762	83	267551	21.717	ug/l	98
48) Methyl methacrylate	9.558	41	255466	21.680	ug/l #	82
49) 1,4-Dioxane	9.569	88	79087	458.501	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	1874925	120.783	ug/l	98
52) Toluene	10.502	92	492329	21.947	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	291609	21.864	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	322930	22.382	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	204211	23.008	ug/l	97
56) Ethyl methacrylate	10.759	69	334483	22.808	ug/l	88
57) 1,3-Dichloropropane	11.041	76	356335	22.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	361164	107.787	ug/l	90
59) 2-Hexanone	11.084	43	1350621	119.311	ug/l	96
60) Dibromochloromethane	11.237	129	189483	21.881	ug/l	100
61) 1,2-Dibromoethane	11.344	107	196210	21.772	ug/l	100
64) Tetrachloroethene	10.977	164	162753	20.085	ug/l	94
65) Chlorobenzene	11.768	112	506729	21.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	179607	21.190	ug/l	98
67) Ethyl Benzene	11.843	91	928798	21.351	ug/l	97
68) m/p-Xylenes	11.953	106	694842	43.880	ug/l	93
69) o-Xylene	12.280	106	339549	21.558	ug/l	90
70) Styrene	12.294	104	562838	22.578	ug/l	96
71) Bromoform	12.457	173	138907	22.082	ug/l #	100
73) Isopropylbenzene	12.578	105	898636	20.477	ug/l	97
74) N-amyl acetate	12.387	43	391960	21.242	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	328967	21.787	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	265581m	20.679	ug/l	
77) Bromobenzene	12.859	156	209782	20.821	ug/l	76
78) n-propylbenzene	12.919	91	1021161	21.001	ug/l	96
79) 2-Chlorotoluene	13.007	91	643719	20.633	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	740142	21.046	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	82602	21.356	ug/l	99
82) 4-Chlorotoluene	13.104	91	611860	20.937	ug/l	92
83) tert-Butylbenzene	13.323	119	631213	20.384	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	719867	21.258	ug/l	98
85) sec-Butylbenzene	13.500	105	885728	21.068	ug/l	96
86) p-Isopropyltoluene	13.616	119	697475	21.119	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	355325	21.067	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	342170	20.566	ug/l	96
89) n-Butylbenzene	13.943	91	550643	19.990	ug/l	96
90) Hexachloroethane	14.209	117	117101	20.410	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	348724	21.090	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	52563	20.676	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	161519	20.732	ug/l	99
94) Hexachlorobutadiene	15.370	225	108754	24.019	ug/l	99
95) Naphthalene	15.504	128	402018	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	157412	21.600	ug/l	99

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

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