

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068577.D
 Acq On : 21 Sep 2021 13:00
 Operator : JC/MD
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:07:44 AM

Quant Time: Sep 21 16:07:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	560668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	854562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	759820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	379567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	300736	58.475	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.940%			
35) Dibromofluoromethane	8.024	113	279623	54.252	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.500%			
50) Toluene-d8	10.443	98	1041443	49.319	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.734	95	348469	50.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	83126	18.159	ug/l	97
3) Chloromethane	2.303	50	83696	20.093	ug/l	99
4) Vinyl Chloride	2.445	62	121221	17.461	ug/l	99
5) Bromomethane	2.856	94	112912	17.290	ug/l	93
6) Chloroethane	3.019	64	88906	17.395	ug/l	100
7) Trichlorofluoromethane	3.376	101	168980	19.408	ug/l	98
8) Diethyl Ether	3.829	74	54676	20.820	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.218	101	96569	20.070	ug/l	96
10) Methyl Iodide	4.430	142	116631	16.995	ug/l	99
11) Tert butyl alcohol	5.361	59	71005	91.483	ug/l #	84
12) 1,1-Dichloroethene	4.189	96	84301	19.138	ug/l	98
13) Acrolein	4.044	56	32758	85.776	ug/l	99
14) Allyl chloride	4.846	41	119964	21.440	ug/l	96
15) Acrylonitrile	5.557	53	209294	106.723	ug/l	97
16) Acetone	4.285	43	198416	134.968	ug/l	100
17) Carbon Disulfide	4.537	76	183052	15.476	ug/l	99
18) Methyl Acetate	4.857	43	100760	21.532	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	308165	20.879	ug/l	98
20) Methylene Chloride	5.101	84	111847	22.551	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	93206	18.534	ug/l	96
22) Diisopropyl ether	6.498	45	278847	23.016	ug/l	96
23) Vinyl Acetate	6.434	43	1004842m	110.976	ug/l	
24) 1,1-Dichloroethane	6.391	63	171081	20.840	ug/l	98
25) 2-Butanone	7.335	43	272371	108.984	ug/l	97
26) 2,2-Dichloropropane	7.327	77	159115	20.994	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	118117	19.998	ug/l	97
28) Bromochloromethane	7.659	49	69264	21.682	ug/l	86
29) Tetrahydrofuran	7.683	42	174261	106.809	ug/l	94
30) Chloroform	7.820	83	199761	20.569	ug/l	99
31) Cyclohexane	8.099	56	149752	19.214	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	183195	20.333	ug/l	98
36) 1,1-Dichloropropene	8.222	75	134169	18.832	ug/l	99
37) Ethyl Acetate	7.412	43	113222	20.892	ug/l	97
38) Carbon Tetrachloride	8.209	117	163302	19.133	ug/l	97
39) Methylcyclohexane	9.464	83	165518	18.363	ug/l	95
40) Benzene	8.461	78	424198	20.115	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	56521	21.193	ug/l	95
42) 1,2-Dichloroethane	8.531	62	143252	19.605	ug/l	100
43) Isopropyl Acetate	8.560	43	195273	20.423	ug/l	98
44) Trichloroethene	9.220	130	127227	19.054	ug/l	97
45) 1,2-Dichloropropane	9.491	63	103716	20.600	ug/l	100
46) Dibromomethane	9.577	93	78355	19.334	ug/l	98
47) Bromodichloromethane	9.762	83	159166	20.697	ug/l	98
48) Methyl methacrylate	9.561	41	77882	19.506	ug/l	91
49) 1,4-Dioxane	9.571	88	34536	377.058	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	586631	107.477	ug/l	97
52) Toluene	10.507	92	287625	20.556	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	156968	21.305	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	167021	20.688	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	115383	20.779	ug/l	98
56) Ethyl methacrylate	10.762	69	148366	21.513	ug/l	96
57) 1,3-Dichloropropane	11.047	76	177327	20.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	64245	118.740	ug/l	95
59) 2-Hexanone	11.087	43	403635	110.421	ug/l	97
60) Dibromochloromethane	11.240	129	133180	18.676	ug/l	99
61) 1,2-Dibromoethane	11.347	107	116490	19.786	ug/l	99
64) Tetrachloroethene	10.980	164	133398	19.809	ug/l	98
65) Chlorobenzene	11.773	112	316852	20.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	127108	20.712	ug/l	99
67) Ethyl Benzene	11.848	91	541173	21.183	ug/l	98
68) m/p-Xylenes	11.956	106	441120	42.882	ug/l	97
69) o-Xylene	12.283	106	214027	21.353	ug/l	96
70) Styrene	12.296	104	341410	20.387	ug/l	98
71) Bromoform	12.460	173	96883	18.415	ug/l #	100
73) Isopropylbenzene	12.581	105	553979	20.517	ug/l	99
74) N-amyl acetate	12.390	43	133222	22.122	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	151950	20.075	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	119078m	22.203	ug/l	
77) Bromobenzene	12.862	156	147334	19.728	ug/l	90
78) n-propylbenzene	12.924	91	604137	21.190	ug/l	98
79) 2-Chlorotoluene	13.010	91	366215	20.836	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	469581	21.409	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	39092	22.825	ug/l	96
82) 4-Chlorotoluene	13.106	91	352047	20.770	ug/l	98
83) tert-Butylbenzene	13.326	119	430242	21.483	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	452895	21.529	ug/l	97
85) sec-Butylbenzene	13.503	105	566456	21.452	ug/l	97
86) p-Isopropyltoluene	13.619	119	466862	20.946	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	255966	19.754	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	253601	19.857	ug/l	97
89) n-Butylbenzene	13.946	91	331317	20.406	ug/l	98
90) Hexachloroethane	14.211	117	85405	21.829	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	254317	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23963	19.945	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	99202	16.116	ug/l	99
94) Hexachlorobutadiene	15.373	225	70688	19.162	ug/l	98
95) Naphthalene	15.509	128	191791	15.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	92495	15.975	ug/l	97

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

