

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068765.D
 Acq On : 30 Sep 2021 16:14
 Operator : JC/MD
 Sample : VN0930WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:51 AM

Quant Time: Oct 01 01:56:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	390423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	690429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	621576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	263443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	273442	50.266	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.540%			
35) Dibromofluoromethane	8.021	113	217234	50.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.280%			
50) Toluene-d8	10.443	98	796028	50.781	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.733	95	253789	46.593	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	83606	19.552	ug/l	99
3) Chloromethane	2.303	50	87898	21.604	ug/l	94
4) Vinyl Chloride	2.443	62	167768	19.151	ug/l	98
5) Bromomethane	2.858	94	150545	22.491	ug/l	95
6) Chloroethane	3.019	64	143448	21.868	ug/l	99
7) Trichlorofluoromethane	3.373	101	147094	21.642	ug/l	99
8) Diethyl Ether	3.829	74	48834	20.504	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.213	101	85803	20.040	ug/l	95
10) Methyl Iodide	4.427	142	81506	21.607	ug/l	93
11) Tert butyl alcohol	5.366	59	79272	108.682	ug/l	100
12) 1,1-Dichloroethene	4.183	96	70780	19.294	ug/l	80
13) Acrolein	4.044	56	13140	114.596	ug/l	91
14) Allyl chloride	4.843	41	114502	20.018	ug/l #	87
15) Acrylonitrile	5.554	53	224597	109.469	ug/l	100
16) Acetone	4.288	43	226145	114.542	ug/l	96
17) Carbon Disulfide	4.535	76	139658	19.096	ug/l	95
18) Methyl Acetate	4.856	43	142555	21.735	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	295280	20.277	ug/l	99
20) Methylene Chloride	5.106	84	92554	19.596	ug/l	87
21) trans-1,2-Dichloroethene	5.602	96	78603	19.066	ug/l	88
22) Diisopropyl ether	6.498	45	281322	20.796	ug/l #	93
23) Vinyl Acetate	6.433	43	1115627m	104.356	ug/l	
24) 1,1-Dichloroethane	6.391	63	164581	20.096	ug/l	96
25) 2-Butanone	7.335	43	329133	107.790	ug/l	94
26) 2,2-Dichloropropane	7.329	77	155965	20.148	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	103129	19.447	ug/l	87
28) Bromochloromethane	7.659	49	74184	19.948	ug/l #	76
29) Tetrahydrofuran	7.686	42	199412	105.747	ug/l	90
30) Chloroform	7.820	83	194893	20.219	ug/l	99
31) Cyclohexane	8.096	56	130565	19.615	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	171562	19.981	ug/l	99
36) 1,1-Dichloropropene	8.222	75	122279	18.831	ug/l	96
37) Ethyl Acetate	7.410	43	129840	21.072	ug/l	99
38) Carbon Tetrachloride	8.209	117	149442	19.374	ug/l	99
39) Methylcyclohexane	9.461	83	135511	18.005	ug/l	91
40) Benzene	8.461	78	390621	19.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	53212	18.163	ug/l #	74
42) 1,2-Dichloroethane	8.531	62	154706	19.932	ug/l	97
43) Isopropyl Acetate	8.560	43	231006	20.380	ug/l	97
44) Trichloroethene	9.217	130	101517	19.235	ug/l	85
45) 1,2-Dichloropropane	9.491	63	101796	19.956	ug/l	98
46) Dibromomethane	9.579	93	77480	19.799	ug/l	94
47) Bromodichloromethane	9.762	83	159368	20.252	ug/l	99
48) Methyl methacrylate	9.561	41	95231	20.014	ug/l #	82
49) 1,4-Dioxane	9.571	88	34684	451.223	ug/l	91
51) 4-Methyl-2-Pentanone	10.330	43	725906	105.916	ug/l	97
52) Toluene	10.507	92	256209	19.451	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	155945	19.576	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	161379	19.252	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	112711	20.125	ug/l	95
56) Ethyl methacrylate	10.762	69	152739	18.764	ug/l	94
57) 1,3-Dichloropropane	11.046	76	173639	19.800	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	135846	94.163	ug/l	92
59) 2-Hexanone	11.087	43	501097	106.118	ug/l	97
60) Dibromochloromethane	11.240	129	121508	20.569	ug/l	100
61) 1,2-Dibromoethane	11.347	107	108411	19.736	ug/l	100
64) Tetrachloroethene	10.979	164	90066	19.412	ug/l	95
65) Chlorobenzene	11.771	112	277538	19.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	114465	20.903	ug/l	99
67) Ethyl Benzene	11.846	91	491949	19.726	ug/l	96
68) m/p-Xylenes	11.956	106	365987	39.597	ug/l	87
69) o-Xylene	12.283	106	183102	20.051	ug/l	86
70) Styrene	12.294	104	292209	20.124	ug/l	92
71) Bromoform	12.460	173	77362	20.012	ug/l #	99
73) Isopropylbenzene	12.581	105	478728	20.306	ug/l	98
74) N-amyl acetate	12.390	43	159492	21.043	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	148401	20.719	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	108416m	18.505	ug/l	
77) Bromobenzene	12.862	156	105736	19.826	ug/l	75
78) n-propylbenzene	12.921	91	536552	20.135	ug/l	97
79) 2-Chlorotoluene	13.010	91	315788	20.516	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	387661	20.707	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	41918	20.799	ug/l	97
82) 4-Chlorotoluene	13.106	91	304292	19.671	ug/l	90
83) tert-Butylbenzene	13.323	119	345236	20.895	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	383171	20.856	ug/l	94
85) sec-Butylbenzene	13.503	105	478865	20.073	ug/l	96
86) p-Isopropyltoluene	13.618	119	386760	20.410	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	193060	19.411	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	192540	19.450	ug/l	96
89) n-Butylbenzene	13.943	91	315072	18.809	ug/l	98
90) Hexachloroethane	14.211	117	75342	19.545	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	189761	19.815	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	28402	22.933	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	81592	18.778	ug/l	97
94) Hexachlorobutadiene	15.375	225	47320	19.321	ug/l	100
95) Naphthalene	15.507	128	204248	17.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	79447	19.066	ug/l	97

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

