

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068760.D
 Acq On : 30 Sep 2021 13:28
 Operator : JC/MD
 Sample : VN0930WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:45 AM

Quant Time: Sep 30 15:18:37 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	8.086	168	403303	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	701839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	640481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	278920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	291209	51.823	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.640%			
35) Dibromofluoromethane	8.024	113	232109	53.228	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.460%			
50) Toluene-d8	10.443	98	863909	54.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.440%			
62) 4-Bromofluorobenzene	12.731	95	289333	52.255	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	78992	17.883	ug/l	100
3) Chloromethane	2.303	50	78637	18.402	ug/l	96
4) Vinyl Chloride	2.445	62	151428	16.734	ug/l	98
5) Bromomethane	2.861	94	132487	18.711	ug/l	97
6) Chloroethane	3.022	64	128849	18.685	ug/l	97
7) Trichlorofluoromethane	3.376	101	140327	19.868	ug/l	99
8) Diethyl Ether	3.829	74	45905	18.659	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.213	101	77997	17.635	ug/l	95
10) Methyl Iodide	4.427	142	77144	19.911	ug/l	93
11) Tert butyl alcohol	5.361	59	70054	92.977	ug/l	# 82
12) 1,1-Dichloroethene	4.186	96	66589	17.572	ug/l	81
13) Acrolein	4.046	56	11310	94.195	ug/l	# 50
14) Allyl chloride	4.848	41	102607	17.366	ug/l	# 87
15) Acrylonitrile	5.554	53	192596	90.873	ug/l	98
16) Acetone	4.285	43	173555	79.987	ug/l	94
17) Carbon Disulfide	4.535	76	134232	17.703	ug/l	98
18) Methyl Acetate	4.854	43	126625	18.689	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	267640	17.792	ug/l	99
20) Methylene Chloride	5.101	84	84297	17.278	ug/l	91
21) trans-1,2-Dichloroethene	5.602	96	72418	17.005	ug/l	83
22) Diisopropyl ether	6.500	45	262282	18.769	ug/l	# 96
23) Vinyl Acetate	6.433	43	998032m	90.375	ug/l	
24) 1,1-Dichloroethane	6.391	63	149519	17.674	ug/l	97
25) 2-Butanone	7.335	43	275345	87.294	ug/l	94
26) 2,2-Dichloropropane	7.327	77	133665	16.716	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	97902	17.872	ug/l	84
28) Bromochloromethane	7.659	49	78342	20.394	ug/l	# 74
29) Tetrahydrofuran	7.683	42	176521	90.618	ug/l	89
30) Chloroform	7.817	83	182963	18.375	ug/l	97
31) Cyclohexane	8.096	56	123074	17.718	ug/l	# 85
32) 1,1,1-Trichloroethane	8.016	97	161042	18.157	ug/l	99
36) 1,1-Dichloropropene	8.222	75	113131	17.139	ug/l	95
37) Ethyl Acetate	7.415	43	110324	17.614	ug/l	99
38) Carbon Tetrachloride	8.209	117	140475	17.915	ug/l	99
39) Methylcyclohexane	9.461	83	129840	16.971	ug/l	89
40) Benzene	8.461	78	360071	17.917	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	55448	18.619	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	140442	17.800	ug/l	97
43) Isopropyl Acetate	8.560	43	202699	17.592	ug/l	97
44) Trichloroethene	9.217	130	92743	17.287	ug/l	89
45) 1,2-Dichloropropane	9.491	63	92634	17.864	ug/l	95
46) Dibromomethane	9.579	93	70314	17.676	ug/l	93
47) Bromodichloromethane	9.764	83	149044	18.632	ug/l	98
48) Methyl methacrylate	9.561	41	85122	17.599	ug/l #	81
49) 1,4-Dioxane	9.569	88	29923	382.956	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	644942	92.573	ug/l	98
52) Toluene	10.507	92	240857	17.988	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	142019	17.538	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	147083	17.262	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	101621	17.850	ug/l	98
56) Ethyl methacrylate	10.762	69	140487	17.152	ug/l	94
57) 1,3-Dichloropropane	11.046	76	160513	18.005	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	145674	98.609	ug/l	90
59) 2-Hexanone	11.087	43	430769	89.741	ug/l	97
60) Dibromochloromethane	11.240	129	111135	18.507	ug/l	100
61) 1,2-Dibromoethane	11.347	107	98595	17.657	ug/l	100
64) Tetrachloroethene	10.979	164	87562	18.315	ug/l	94
65) Chlorobenzene	11.773	112	260491	17.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	106284	18.836	ug/l	99
67) Ethyl Benzene	11.846	91	465329	18.108	ug/l	95
68) m/p-Xylenes	11.956	106	349133	36.659	ug/l	87
69) o-Xylene	12.283	106	171643	18.242	ug/l	89
70) Styrene	12.296	104	277491	18.546	ug/l	92
71) Bromoform	12.460	173	71802	18.026	ug/l #	100
73) Isopropylbenzene	12.581	105	457312	18.321	ug/l	98
74) N-amyl acetate	12.390	43	146159	18.214	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	143116	18.872	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	111812m	18.026	ug/l	
77) Bromobenzene	12.859	156	105549	18.692	ug/l	71
78) n-propylbenzene	12.921	91	521857	18.497	ug/l	97
79) 2-Chlorotoluene	13.007	91	305555	18.749	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	379809	19.162	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	37091	17.383	ug/l	98
82) 4-Chlorotoluene	13.106	91	303414	18.525	ug/l	92
83) tert-Butylbenzene	13.326	119	339849	19.427	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	372569	19.154	ug/l	95
85) sec-Butylbenzene	13.503	105	469878	18.603	ug/l	97
86) p-Isopropyltoluene	13.616	119	378552	18.868	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	187298	17.787	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	183062	17.467	ug/l	97
89) n-Butylbenzene	13.943	91	305254	17.212	ug/l	97
90) Hexachloroethane	14.211	117	75248	18.438	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	182399	17.990	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	24049	18.340	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	76564	16.643	ug/l	97
94) Hexachlorobutadiene	15.370	225	45046	17.372	ug/l	99
95) Naphthalene	15.507	128	174077	14.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	72196	16.365	ug/l	98

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

