

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068563.D
 Acq On : 20 Sep 2021 18:45
 Operator : JC/MD
 Sample : VN0920WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:01:28 PM

Quant Time: Sep 21 07:29:15 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	542046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.971	114	805058	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.747	117	734768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.675	152	358879	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.440	65	285693	57.458	ug/l	0.00
Spiked Amount 50.000			Range 61 - 141		Recovery	=	114.920%	
35) Dibromofluoromethane			8.024	113	264883	54.553	ug/l	0.00
Spiked Amount 50.000			Range 69 - 133		Recovery	=	109.100%	
50) Toluene-d8			10.443	98	972366	48.911	ug/l	0.00
Spiked Amount 50.000			Range 65 - 126		Recovery	=	97.820%	
62) 4-Bromofluorobenzene			12.734	95	321985	49.129	ug/l	0.00
Spiked Amount 50.000			Range 58 - 135		Recovery	=	98.260%	
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			2.073	85	76277	17.235	ug/l	99
3) Chloromethane			2.303	50	76983	19.038	ug/l	95
4) Vinyl Chloride			2.443	62	118937	17.721	ug/l	98
5) Bromomethane			2.851	94	104295	16.367	ug/l	99
6) Chloroethane			3.017	64	86061	17.417	ug/l	97
7) Trichlorofluoromethane			3.374	101	149514	17.762	ug/l	98
8) Diethyl Ether			3.827	74	49608	19.539	ug/l	93
9) 1,1,2-Trichlorotrifluo...			4.213	101	85032	18.280	ug/l	96
10) Methyl Iodide			4.430	142	110706	16.686	ug/l	99
11) Tert butyl alcohol			5.366	59	75661	102.226	ug/l #	88
12) 1,1-Dichloroethene			4.189	96	77949	18.304	ug/l	95
13) Acrolein			4.052	56	29772	80.635	ug/l	97
14) Allyl chloride			4.846	41	108182	19.999	ug/l	98
15) Acrylonitrile			5.554	53	205055	108.153	ug/l	99
16) Acetone			4.288	43	160444	111.280	ug/l	97
17) Carbon Disulfide			4.535	76	175682	15.363	ug/l	100
18) Methyl Acetate			4.854	43	99793	22.102	ug/l	97
19) Methyl tert-butyl Ether			5.616	73	288194	20.196	ug/l	100
20) Methylene Chloride			5.101	84	101855	21.160	ug/l	98
21) trans-1,2-Dichloroethene			5.602	96	86484	17.788	ug/l	97
22) Diisopropyl ether			6.498	45	263327	22.482	ug/l	97
23) Vinyl Acetate			6.434	43	975728	111.463	ug/l	98
24) 1,1-Dichloroethane			6.388	63	160807	20.262	ug/l	98
25) 2-Butanone			7.337	43	263137	108.907	ug/l	96
26) 2,2-Dichloropropane			7.329	77	146362	19.975	ug/l	98
27) cis-1,2-Dichloroethene			7.329	96	114255	20.008	ug/l	98
28) Bromochloromethane			7.659	49	70792	22.922	ug/l	89
29) Tetrahydrofuran			7.689	42	178788	113.349	ug/l	94
30) Chloroform			7.820	83	187768	19.998	ug/l	100
31) Cyclohexane			8.099	56	138992	18.446	ug/l	97
32) 1,1,1-Trichloroethane			8.019	97	174538	20.037	ug/l	99
36) 1,1-Dichloropropene			8.225	75	126138	18.793	ug/l	99
37) Ethyl Acetate			7.413	43	103455	20.263	ug/l	99
38) Carbon Tetrachloride			8.206	117	155965	19.397	ug/l	98
39) Methylcyclohexane			9.464	83	154698	18.218	ug/l	98
40) Benzene			8.461	78	398469	20.056	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	54464	21.678	ug/l	95
42) 1,2-Dichloroethane	8.531	62	137846	20.025	ug/l	99
43) Isopropyl Acetate	8.560	43	194819	21.628	ug/l	97
44) Trichloroethene	9.218	130	118195	18.790	ug/l	95
45) 1,2-Dichloropropane	9.494	63	98086	20.680	ug/l	99
46) Dibromomethane	9.580	93	76942	20.152	ug/l	95
47) Bromodichloromethane	9.765	83	147602	20.374	ug/l	99
48) Methyl methacrylate	9.561	41	84500	22.465	ug/l	95
49) 1,4-Dioxane	9.569	88	34896	404.416	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	583003	113.380	ug/l	97
52) Toluene	10.508	92	270548	20.524	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	145506	20.964	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	158009	20.775	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	110840	21.188	ug/l	99
56) Ethyl methacrylate	10.762	69	142243	21.893	ug/l	95
57) 1,3-Dichloropropane	11.047	76	166592	20.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	65591	126.646	ug/l	95
59) 2-Hexanone	11.087	43	397963	115.564	ug/l	96
60) Dibromochloromethane	11.240	129	126692	18.841	ug/l	99
61) 1,2-Dibromoethane	11.347	107	112696	20.319	ug/l	99
64) Tetrachloroethene	10.980	164	130114	19.980	ug/l	97
65) Chlorobenzene	11.771	112	299463	19.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	123056	20.735	ug/l	99
67) Ethyl Benzene	11.846	91	501331	20.293	ug/l	100
68) m/p-Xylenes	11.956	106	407341	40.948	ug/l	97
69) o-Xylene	12.283	106	202592	20.902	ug/l	97
70) Styrene	12.296	104	317163	19.654	ug/l	99
71) Bromoform	12.460	173	96884	18.957	ug/l #	100
73) Isopropylbenzene	12.581	105	516487	20.232	ug/l	99
74) N-amyl acetate	12.390	43	129770	22.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	145143	20.281	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	114064m	22.509	ug/l	
77) Bromobenzene	12.862	156	140244	19.861	ug/l	93
78) n-propylbenzene	12.921	91	551287	20.451	ug/l	98
79) 2-Chlorotoluene	13.010	91	342393	20.603	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	432185	20.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	36478	22.526	ug/l	97
82) 4-Chlorotoluene	13.106	91	327559	20.439	ug/l	97
83) tert-Butylbenzene	13.326	119	394088	20.812	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	417020	20.966	ug/l	98
85) sec-Butylbenzene	13.503	105	515621	20.652	ug/l	99
86) p-Isopropyltoluene	13.619	119	431287	20.465	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	241031	19.673	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	238390	19.742	ug/l	98
89) n-Butylbenzene	13.943	91	303958	19.800	ug/l	99
90) Hexachloroethane	14.211	117	79354	21.452	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	237438	20.091	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23540	20.722	ug/l	89
93) 1,2,4-Trichlorobenzene	15.265	180	101426	17.186	ug/l	99
94) Hexachlorobutadiene	15.370	225	71314	20.446	ug/l	98
95) Naphthalene	15.509	128	197854	16.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	95438	17.162	ug/l	99

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

