

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068638.D
 Acq On : 24 Sep 2021 14:49
 Operator : JC/MD
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2021 10:23:37 AM

Quant Time: Sep 24 17:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	395477	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	674266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	624864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	272989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	299913	48.565	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	8.021	113	227051	50.307	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.620%		
50) Toluene-d8	10.443	98	936259	48.961	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.731	95	315929	48.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	84866	20.073	ug/l	98
3) Chloromethane	2.301	50	109635	15.723	ug/l	96
4) Vinyl Chloride	2.443	62	128398	18.963	ug/l	99
5) Bromomethane	2.853	94	87514	28.024	ug/l	97
6) Chloroethane	3.017	64	91301	24.728	ug/l	99
7) Trichlorofluoromethane	3.374	101	153665	19.504	ug/l	100
8) Diethyl Ether	3.829	74	52975	19.140	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.213	101	83914	19.927	ug/l	91
10) Methyl Iodide	4.425	142	86040	16.997	ug/l	90
11) Tert butyl alcohol	5.366	59	83189	87.539	ug/l	# 88
12) 1,1-Dichloroethene	4.189	96	77051	19.262	ug/l	92
13) Acrolein	4.047	56	23821	84.521	ug/l	100
14) Allyl chloride	4.843	41	148457	17.880	ug/l	98
15) Acrylonitrile	5.557	53	239960	93.681	ug/l	98
16) Acetone	4.285	43	206662	84.707	ug/l	94
17) Carbon Disulfide	4.535	76	213148	17.972	ug/l	100
18) Methyl Acetate	4.857	43	157833	17.381	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	291222	19.404	ug/l	98
20) Methylene Chloride	5.095	84	95872	19.272	ug/l	96
21) trans-1,2-Dichloroethene	5.600	96	85324	19.614	ug/l	91
22) Diisopropyl ether	6.495	45	322905	18.877	ug/l	99
23) Vinyl Acetate	6.434	43	1257218	93.366	ug/l	99
24) 1,1-Dichloroethane	6.391	63	174585	19.687	ug/l	100
25) 2-Butanone	7.332	43	337635	89.706	ug/l	100
26) 2,2-Dichloropropane	7.327	77	141415	18.688	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	99865	19.483	ug/l	93
28) Bromochloromethane	7.659	49	33906	8.580	ug/l	93
29) Tetrahydrofuran	7.686	42	224360	93.781	ug/l	99
30) Chloroform	7.818	83	178156	19.812	ug/l	98
31) Cyclohexane	8.096	56	164157	18.950	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	155550	19.760	ug/l	99
36) 1,1-Dichloropropene	8.225	75	129378	18.998	ug/l	97
37) Ethyl Acetate	7.413	43	140451	18.166	ug/l	99
38) Carbon Tetrachloride	8.206	117	136459	19.401	ug/l	97
39) Methylcyclohexane	9.462	83	155998	19.555	ug/l	98
40) Benzene	8.461	78	390179	19.524	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	60956	14.907	ug/l	89
42) 1,2-Dichloroethane	8.531	62	147148	18.922	ug/l	98
43) Isopropyl Acetate	8.560	43	244694	18.502	ug/l	99
44) Trichloroethene	9.218	130	97127	20.165	ug/l	83
45) 1,2-Dichloropropane	9.491	63	107347	20.401	ug/l	99
46) Dibromomethane	9.577	93	71805	20.640	ug/l	91
47) Bromodichloromethane	9.762	83	145776	20.207	ug/l	99
48) Methyl methacrylate	9.561	41	104527	17.304	ug/l	95
49) 1,4-Dioxane	9.569	88	35684	404.970	ug/l	97
51) 4-Methyl-2-Pentanone	10.331	43	775240	96.926	ug/l	100
52) Toluene	10.508	92	255316	20.159	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	155811	19.577	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	164912	19.834	ug/l	96
55) 1,1,2-Trichloroethane	10.902	97	95839	19.520	ug/l	98
56) Ethyl methacrylate	10.760	69	157289	18.365	ug/l	99
57) 1,3-Dichloropropane	11.047	76	201868	23.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	154701	74.858	ug/l	97
59) 2-Hexanone	11.087	43	547203	95.139	ug/l	99
60) Dibromochloromethane	11.240	129	105264	19.839	ug/l	98
61) 1,2-Dibromoethane	11.347	107	99256	19.764	ug/l	97
64) Tetrachloroethene	10.980	164	86515	21.085	ug/l	95
65) Chlorobenzene	11.773	112	272386	20.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.849	131	114444	23.747	ug/l	99
67) Ethyl Benzene	11.849	91	574270	23.878	ug/l	98
68) m/p-Xylenes	11.956	106	473216	53.607	ug/l	90
69) o-Xylene	12.283	106	177193	20.432	ug/l	92
70) Styrene	12.299	104	297956	21.361	ug/l	95
71) Bromoform	12.460	173	75510	20.770	ug/l #	97
73) Isopropylbenzene	12.581	105	484878	19.809	ug/l	98
74) N-amyl acetate	12.388	43	190200	18.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	194504	25.358	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	176634m	26.168	ug/l	
77) Bromobenzene	12.862	156	142958	25.474	ug/l	80
78) n-propylbenzene	12.921	91	724483	26.064	ug/l	96
79) 2-Chlorotoluene	13.010	91	427583	25.461	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	506196	26.333	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	42561	17.811	ug/l	97
82) 4-Chlorotoluene	13.106	91	401419	24.597	ug/l	95
83) tert-Butylbenzene	13.326	119	340638	19.510	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	377160	20.126	ug/l	93
85) sec-Butylbenzene	13.503	105	477149	20.088	ug/l	97
86) p-Isopropyltoluene	13.619	119	389402	20.473	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	193224	20.291	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	187933	19.433	ug/l	96
89) n-Butylbenzene	13.943	91	317348	19.231	ug/l	98
90) Hexachloroethane	14.214	117	94749	25.253	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	185553	20.091	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	25615	18.020	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	87156	19.025	ug/l	98
94) Hexachlorobutadiene	15.373	225	51961	21.105	ug/l	97
95) Naphthalene	15.512	128	225521	18.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	82223	18.369	ug/l	98

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

