

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068745.D
 Acq On : 29 Sep 2021 17:50
 Operator : JC/MD
 Sample : VN0929WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:22 PM

Quant Time: Sep 29 23:41:40 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	8.085	168	375163	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	657660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	633584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	277591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	268902	51.442	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.880%			
35) Dibromofluoromethane	8.021	113	211248	51.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.400%			
50) Toluene-d8	10.443	98	786305	52.660	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.733	95	284671	54.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	79025	19.233	ug/l	100
3) Chloromethane	2.300	50	81085	20.648	ug/l	98
4) Vinyl Chloride	2.443	62	156336	18.572	ug/l	97
5) Bromomethane	2.850	94	141069	21.857	ug/l	98
6) Chloroethane	3.014	64	131770	20.793	ug/l	99
7) Trichlorofluoromethane	3.373	101	133837	20.410	ug/l	97
8) Diethyl Ether	3.824	74	46378	20.265	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.218	101	78247	19.019	ug/l	# 80
10) Methyl Iodide	4.425	142	70146	19.493	ug/l	91
11) Tert butyl alcohol	5.363	59	78015	111.309	ug/l	99
12) 1,1-Dichloroethene	4.186	96	66291	18.806	ug/l	# 79
13) Acrolein	4.046	56	11519	103.866	ug/l	91
14) Allyl chloride	4.840	41	105446	19.185	ug/l	# 86
15) Acrylonitrile	5.551	53	210112	106.574	ug/l	100
16) Acetone	4.285	43	181716	92.526	ug/l	97
17) Carbon Disulfide	4.535	76	133945	19.058	ug/l	98
18) Methyl Acetate	4.856	43	130971	20.781	ug/l	# 90
19) Methyl tert-butyl Ether	5.615	73	289957	20.721	ug/l	98
20) Methylene Chloride	5.100	84	89077	19.627	ug/l	89
21) trans-1,2-Dichloroethene	5.602	96	74601	18.831	ug/l	84
22) Diisopropyl ether	6.495	45	267093	20.547	ug/l	# 95
23) Vinyl Acetate	6.433	43	1067456	103.911	ug/l	# 94
24) 1,1-Dichloroethane	6.391	63	152318	19.355	ug/l	99
25) 2-Butanone	7.332	43	294010	100.203	ug/l	90
26) 2,2-Dichloropropane	7.327	77	137908	18.540	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	99074	19.442	ug/l	86
28) Bromochloromethane	7.656	49	65121	18.224	ug/l	# 78
29) Tetrahydrofuran	7.683	42	187149	103.281	ug/l	90
30) Chloroform	7.820	83	180248	19.460	ug/l	99
31) Cyclohexane	8.096	56	121618	18.951	ug/l	# 81
32) 1,1,1-Trichloroethane	8.013	97	159294	19.307	ug/l	98
36) 1,1-Dichloropropene	8.222	75	113190	18.300	ug/l	95
37) Ethyl Acetate	7.410	43	120261	20.490	ug/l	98
38) Carbon Tetrachloride	8.209	117	134247	18.271	ug/l	100
39) Methylcyclohexane	9.461	83	128984	17.992	ug/l	94
40) Benzene	8.461	78	367110	19.495	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.630	41	63978	22.926	ug/l	94
42) 1,2-Dichloroethane	8.531	62	145526	19.684	ug/l	97
43) Isopropyl Acetate	8.560	43	220529	20.425	ug/l	99
44) Trichloroethene	9.217	130	92635	18.427	ug/l	86
45) 1,2-Dichloropropane	9.491	63	94273	19.402	ug/l	97
46) Dibromomethane	9.577	93	74484	19.982	ug/l	95
47) Bromodichloromethane	9.762	83	145725	19.441	ug/l	96
48) Methyl methacrylate	9.561	41	91300	20.144	ug/l #	83
49) 1,4-Dioxane	9.569	88	34117	465.962	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	690053	105.702	ug/l	97
52) Toluene	10.507	92	241730	19.266	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	152608	20.111	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	153076	19.172	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	104733	19.633	ug/l	97
56) Ethyl methacrylate	10.762	69	152064	19.530	ug/l	93
57) 1,3-Dichloropropane	11.046	76	166629	19.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	147265	105.256	ug/l	91
59) 2-Hexanone	11.087	43	495646	110.194	ug/l	96
60) Dibromochloromethane	11.240	129	113322	20.139	ug/l	99
61) 1,2-Dibromoethane	11.347	107	105961	20.251	ug/l	100
64) Tetrachloroethene	10.979	164	84365	17.838	ug/l	94
65) Chlorobenzene	11.773	112	276406	19.136	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.840	131	107202	19.206	ug/l	98
67) Ethyl Benzene	11.848	91	489963	19.274	ug/l	97
68) m/p-Xylenes	11.956	106	371955	39.480	ug/l	86
69) o-Xylene	12.283	106	185215	19.898	ug/l	86
70) Styrene	12.296	104	302534	20.440	ug/l	93
71) Bromoform	12.460	173	78780	19.993	ug/l #	100
73) Isopropylbenzene	12.580	105	492038	19.807	ug/l	97
74) N-amyl acetate	12.390	43	172644	21.617	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	156758	20.770	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	125742m	20.369	ug/l	
77) Bromobenzene	12.862	156	111769	19.889	ug/l	75
78) n-propylbenzene	12.924	91	561081	19.982	ug/l	96
79) 2-Chlorotoluene	13.010	91	334647	20.633	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	408565	20.712	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	44621	21.012	ug/l	95
82) 4-Chlorotoluene	13.106	91	323155	19.825	ug/l	90
83) tert-Butylbenzene	13.326	119	356125	20.455	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	399764	20.651	ug/l	94
85) sec-Butylbenzene	13.503	105	504392	20.065	ug/l	97
86) p-Isopropyltoluene	13.618	119	405672	20.317	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	201622	19.239	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	197660	18.950	ug/l	96
89) n-Butylbenzene	13.946	91	329932	18.693	ug/l	98
90) Hexachloroethane	14.211	117	79727	19.629	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	196364	19.460	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26821	20.552	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	89388	19.524	ug/l	98
94) Hexachlorobutadiene	15.375	225	46698	18.095	ug/l	98
95) Naphthalene	15.509	128	244174	19.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	86195	19.631	ug/l	98

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

