

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068483.D
 Acq On : 15 Sep 2021 14:53
 Operator : JC/MD
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:24:22 PM

Quant Time: Sep 16 03:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	580591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	868040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	807944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	395444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	304576	57.189	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.380%			
35) Dibromofluoromethane	8.024	113	278480	53.192	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.380%			
50) Toluene-d8	10.443	98	1053709	55.408	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.820%			
62) 4-Bromofluorobenzene	12.733	95	338210	55.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	87739	18.509	ug/l	99
3) Chloromethane	2.303	50	89552	18.837	ug/l	99
4) Vinyl Chloride	2.443	62	143496	19.961	ug/l	99
5) Bromomethane	2.853	94	138848	19.865	ug/l	99
6) Chloroethane	3.019	64	105816	19.993	ug/l	97
7) Trichlorofluoromethane	3.373	101	168398	18.677	ug/l	98
8) Diethyl Ether	3.829	74	52578	19.334	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	94813	19.029	ug/l	97
10) Methyl Iodide	4.425	142	129802	18.266	ug/l	99
11) Tert butyl alcohol	5.366	59	75063	93.678	ug/l #	96
12) 1,1-Dichloroethene	4.186	96	88253	19.347	ug/l	95
13) Acrolein	4.047	56	24825	62.773	ug/l	97
14) Allyl chloride	4.843	41	110168	19.014	ug/l	99
15) Acrylonitrile	5.557	53	204662	100.780	ug/l	98
16) Acetone	4.291	43	160941	91.320	ug/l	98
17) Carbon Disulfide	4.535	76	215904	17.627	ug/l	100
18) Methyl Acetate	4.859	43	98515	20.229	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	300224	19.643	ug/l	97
20) Methylene Chloride	5.101	84	106021	20.523	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	97034	18.633	ug/l	97
22) Diisopropyl ether	6.495	45	251672	20.060	ug/l	94
23) Vinyl Acetate	6.436	43	961487	102.544	ug/l	100
24) 1,1-Dichloroethane	6.388	63	165542	19.474	ug/l	99
25) 2-Butanone	7.335	43	259594	100.308	ug/l	98
26) 2,2-Dichloropropane	7.329	77	149719	19.077	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	116038	18.971	ug/l	97
28) Bromochloromethane	7.662	49	58531	17.694	ug/l	97
29) Tetrahydrofuran	7.686	42	176632	104.547	ug/l	98
30) Chloroform	7.820	83	195819	19.471	ug/l	98
31) Cyclohexane	8.096	56	150381	18.633	ug/l #	96
32) 1,1,1-Trichloroethane	8.019	97	189592	20.321	ug/l	99
36) 1,1-Dichloropropene	8.225	75	137421	18.989	ug/l	99
37) Ethyl Acetate	7.412	43	112388	20.416	ug/l	100
38) Carbon Tetrachloride	8.209	117	170724	19.692	ug/l	99
39) Methylcyclohexane	9.461	83	174755	19.087	ug/l	99
40) Benzene	8.461	78	427278	19.946	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	54264	20.031	ug/l	99
42) 1,2-Dichloroethane	8.531	62	147823	19.916	ug/l	100
43) Isopropyl Acetate	8.563	43	193197	19.892	ug/l	98
44) Trichloroethene	9.220	130	133023	19.613	ug/l	96
45) 1,2-Dichloropropane	9.491	63	98508	19.262	ug/l	100
46) Dibromomethane	9.580	93	83692	20.330	ug/l	95
47) Bromodichloromethane	9.765	83	153943	19.707	ug/l	100
48) Methyl methacrylate	9.561	41	75157	18.531	ug/l	88
49) 1,4-Dioxane	9.569	88	38931	418.442	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	577395	104.142	ug/l	100
52) Toluene	10.507	92	296811	20.883	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	150573	20.120	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	162768	19.848	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	115894	20.547	ug/l	96
56) Ethyl methacrylate	10.762	69	143575	20.495	ug/l	97
57) 1,3-Dichloropropane	11.047	76	175068	20.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	66290	120.245	ug/l	97
59) 2-Hexanone	11.087	43	390533	105.178	ug/l	98
60) Dibromochloromethane	11.240	129	136869	20.618	ug/l	98
61) 1,2-Dibromoethane	11.347	107	123446	20.642	ug/l	99
64) Tetrachloroethene	10.980	164	141431	19.751	ug/l	98
65) Chlorobenzene	11.773	112	330484	19.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	133487	20.456	ug/l	98
67) Ethyl Benzene	11.848	91	546610	20.122	ug/l	100
68) m/p-Xylenes	11.956	106	457089	41.787	ug/l	99
69) o-Xylene	12.283	106	221044	20.740	ug/l	99
70) Styrene	12.296	104	340498	21.078	ug/l	99
71) Bromoform	12.460	173	104410	20.870	ug/l #	100
73) Isopropylbenzene	12.581	105	559157	19.878	ug/l	100
74) N-amyl acetate	12.390	43	121993	19.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	154011	19.530	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	124056m	19.874	ug/l	
77) Bromobenzene	12.862	156	153674	19.751	ug/l	96
78) n-propylbenzene	12.924	91	585227	19.703	ug/l	100
79) 2-Chlorotoluene	13.010	91	361883	19.763	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	471145	20.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	37273	20.889	ug/l	96
82) 4-Chlorotoluene	13.106	91	349863	19.813	ug/l	99
83) tert-Butylbenzene	13.326	119	422539	20.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	456125	20.812	ug/l	100
85) sec-Butylbenzene	13.503	105	556349	20.223	ug/l	100
86) p-Isopropyltoluene	13.619	119	465483	20.046	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	265733	19.684	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	258289	19.412	ug/l	99
89) n-Butylbenzene	13.946	91	319299	18.876	ug/l	99
90) Hexachloroethane	14.211	117	86233	21.156	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	258405	19.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24888	19.883	ug/l	92
93) 1,2,4-Trichlorobenzene	15.265	180	98009	16.480	ug/l	98
94) Hexachlorobutadiene	15.373	225	72447	18.851	ug/l	100
95) Naphthalene	15.507	128	184290	14.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	89754	15.808	ug/l	100

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

