

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068738.D
 Acq On : 29 Sep 2021 13:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:14 PM

Quant Time: Sep 29 13:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	464755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	782078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	802567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	396972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	471988	65.792	ug/l	100
3) Chloromethane	2.301	50	446940	55.977	ug/l	100
4) Vinyl Chloride	2.443	62	878294	110.402	ug/l	97
5) Bromomethane	2.829	94	723465	147.716	ug/l	98
6) Chloroethane	3.003	64	708183	130.427	ug/l	99
7) Trichlorofluoromethane	3.368	101	765914	69.514	ug/l	99
8) Diethyl Ether	3.824	74	262588	59.054	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	448775	74.165	ug/l	93
10) Methyl Iodide	4.422	142	475635	73.198	ug/l	94
11) Tert butyl alcohol	5.363	59	428365	301.399	ug/l #	86
12) 1,1-Dichloroethene	4.181	96	388401	65.964	ug/l	85
13) Acrolein	4.038	56	65544	60.751	ug/l	99
14) Allyl chloride	4.843	41	667154	52.587	ug/l #	89
15) Acrylonitrile	5.551	53	1197125	314.036	ug/l	99
16) Acetone	4.283	43	1040392	305.226	ug/l	95
17) Carbon Disulfide	4.532	76	846047	45.703	ug/l	100
18) Methyl Acetate	4.851	43	724613	74.404	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1764844	74.661	ug/l	97
20) Methylene Chloride	5.095	84	496886	62.235	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	465472	72.705	ug/l	86
22) Diisopropyl ether	6.495	45	1684414	66.491	ug/l #	95
23) Vinyl Acetate	6.433	43	6698778m	314.605	ug/l	
24) 1,1-Dichloroethane	6.388	63	912702	65.764	ug/l	97
25) 2-Butanone	7.332	43	1744917	331.527	ug/l	91
26) 2,2-Dichloropropane	7.327	77	924858	76.984	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	613433	79.938	ug/l	85
28) Bromochloromethane	7.659	49	478101	71.918	ug/l #	72
29) Tetrahydrofuran	7.678	42	1105808	333.944	ug/l	89
30) Chloroform	7.817	83	1104259	81.168	ug/l	100
31) Cyclohexane	8.096	56	734666	53.394	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	1020374	88.905	ug/l	97
36) 1,1-Dichloropropene	8.222	75	735550	87.289	ug/l	95
37) Ethyl Acetate	7.412	43	729595	82.703	ug/l	99
38) Carbon Tetrachloride	8.206	117	882791	116.649	ug/l	97
39) Methylcyclohexane	9.461	83	870299	89.485	ug/l	89
40) Benzene	8.461	78	2240712	89.889	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	355258	79.487	ug/l	88
42) 1,2-Dichloroethane	8.531	62	859922	93.682	ug/l	97
43) Isopropyl Acetate	8.560	43	1313209	85.411	ug/l	97
44) Trichloroethene	9.217	130	595421	115.260	ug/l	87
45) 1,2-Dichloropropane	9.491	63	579711	85.615	ug/l	96
46) Dibromomethane	9.577	93	449507	105.344	ug/l	94
47) Bromodichloromethane	9.764	83	936404	107.603	ug/l	99
48) Methyl methacrylate	9.561	41	582611	87.505	ug/l #	85
49) 1,4-Dioxane	9.569	88	191941	1975.677	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	4237361	468.714	ug/l	95
52) Toluene	10.507	92	1593608	107.248	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1042988	108.451	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1033608	98.711	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	654262	113.462	ug/l	97
56) Ethyl methacrylate	10.762	69	1020321	100.989	ug/l	93
57) 1,3-Dichloropropane	11.046	76	1046152	98.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1280797	566.439	ug/l	91
59) 2-Hexanone	11.087	43	3018986	474.984	ug/l	94
60) Dibromochloromethane	11.240	129	772880	143.837	ug/l	100
61) 1,2-Dibromoethane	11.347	107	680066	120.118	ug/l	100
64) Tetrachloroethene	10.979	164	538547	102.728	ug/l	96
65) Chlorobenzene	11.773	112	1818955	109.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	726594	127.406	ug/l	99
67) Ethyl Benzene	11.848	91	3393209	101.863	ug/l	97
68) m/p-Xylenes	11.956	106	2598777	226.523	ug/l	87
69) o-Xylene	12.283	106	1305611	115.427	ug/l	87
70) Styrene	12.296	104	2267503	122.220	ug/l	93
71) Bromoform	12.460	173	572097	149.126	ug/l #	99
73) Isopropylbenzene	12.581	105	3538153	90.641	ug/l	97
74) N-amyl acetate	12.390	43	1215960	67.492	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	953579	76.491	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	745043m	68.147	ug/l	
77) Bromobenzene	12.862	156	778590	105.379	ug/l	73
78) n-propylbenzene	12.924	91	4044528	84.977	ug/l	95
79) 2-Chlorotoluene	13.010	91	2299053	80.773	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	2888356	90.788	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	333155	84.034	ug/l	90
82) 4-Chlorotoluene	13.106	91	2354464	84.056	ug/l	90
83) tert-Butylbenzene	13.326	119	2552801	99.831	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	2886731	92.110	ug/l	94
85) sec-Butylbenzene	13.503	105	3691795	97.100	ug/l	96
86) p-Isopropyltoluene	13.618	119	3162774	110.120	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	1524923	112.703	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	1470133	108.993	ug/l	95
89) n-Butylbenzene	13.946	91	2712738	96.444	ug/l	97
90) Hexachloroethane	14.214	117	565401	104.157	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	1402077	107.069	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	172873	78.166	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	712383	120.447	ug/l	99
94) Hexachlorobutadiene	15.372	225	335842	111.301	ug/l	99
95) Naphthalene	15.509	128	1923948	108.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	662994	121.309	ug/l	98

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

