

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066151.D
 Acq On : 9 Mar 2021 11:18
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:23 PM

Quant Time: Mar 09 11:44:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 11:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	189645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	333496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	330399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	164410	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	362886	118.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 237.66%#	
35) Dibromofluoromethane	7.512	113	228099	106.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 213.30%#	
50) Toluene-d8	10.030	98	946912	113.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 226.42%#	
62) 4-Bromofluorobenzene	12.345	95	369621	115.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 230.72%#	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	241114	99.64	ug/l	95
3) Chloromethane	2.017	50	424746	141.72	ug/l	99
4) Vinyl Chloride	2.148	62	351103	124.92	ug/l	99
5) Bromomethane	2.507	94	180384	97.07	ug/l	97
6) Chloroethane	2.652	64	195587	129.71	ug/l	99
7) Trichlorofluoromethane	2.963	101	359293	86.44	ug/l	99
8) Diethyl Ether	3.344	74	150725	117.63	ug/l	52
9) 1,1,2-Trichlorotrifluo...	3.685	101	170866	96.76	ug/l	91
10) Methyl Iodide	3.873	142	235065	90.43	ug/l #	88
11) Tert butyl alcohol	4.709	59	327217	741.17	ug/l	99
12) 1,1-Dichloroethene	3.661	96	180885	92.64	ug/l #	66
13) Acrolein	3.532	56	172801	506.45	ug/l	95
14) Allyl chloride	4.232	41	631816	178.59	ug/l #	86
15) Acrylonitrile	4.886	53	953475	933.07	ug/l	100
16) Acetone	3.741	43	863704	854.17	ug/l #	87
17) Carbon Disulfide	3.966	76	604279	103.69	ug/l	99
18) Methyl Acetate	4.240	43	486056	207.60	ug/l #	85
19) Methyl tert-butyl Ether	4.951	73	896502	118.32	ug/l	91
20) Methylene Chloride	4.457	84	263832	112.66	ug/l #	73
21) trans-1,2-Dichloroethene	4.935	96	234855	112.57	ug/l #	73
22) Diisopropyl ether	5.863	45	1251854	176.67	ug/l #	90
23) Vinyl Acetate	5.801	43	5508018	903.81	ug/l #	90
24) 1,1-Dichloroethane	5.750	63	552897	135.66	ug/l	95
25) 2-Butanone	6.748	43	1496859	1049.10	ug/l #	83
26) 2,2-Dichloropropane	6.729	77	442123	111.22	ug/l	92
27) cis-1,2-Dichloroethene	6.737	96	278182	111.79	ug/l	72
28) Bromochloromethane	7.107	49	326969	182.12	ug/l #	62
29) Tetrahydrofuran	7.128	42	1023034	1077.86	ug/l #	78
30) Chloroform	7.289	83	499119	115.64	ug/l	99
31) Cyclohexane	7.574	56	500919	132.33	ug/l #	80
32) 1,1,1-Trichloroethane	7.488	97	413982	104.96	ug/l	95
36) 1,1-Dichloropropene	7.716	75	381451	118.06	ug/l	94
37) Ethyl Acetate	6.844	43	593254	198.74	ug/l #	93
38) Carbon Tetrachloride	7.694	117	334598	94.06	ug/l	99
39) Methylcyclohexane	9.014	83	412622	118.66	ug/l #	82
40) Benzene	7.965	78	1152432	119.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	285389	189.54	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	459824	120.29	ug/l	94
43) Isopropyl Acetate	8.094	43	986821	181.83	ug/l #	83
44) Trichloroethene	8.767	130	266136	102.49	ug/l	91
45) 1,2-Dichloropropane	9.051	63	356781	141.81	ug/l	99
46) Dibromomethane	9.143	93	193428	124.73	ug/l	91
47) Bromodichloromethane	9.338	83	421699	117.65	ug/l	100
48) Methyl methacrylate	9.137	41	494497	188.51	ug/l #	77
49) 1,4-Dioxane	9.137	88	88479	2256.70	ug/l #	70
51) 4-Methyl-2-Pentanone	9.923	43	3081497	1004.31	ug/l	89
52) Toluene	10.095	92	695573	114.74	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	524594	125.88	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	547086	125.96	ug/l #	86
55) 1,1,2-Trichloroethane	10.502	97	277732	120.49	ug/l	94
56) Ethyl methacrylate	10.371	69	511799	150.30	ug/l #	76
57) 1,3-Dichloropropane	10.647	76	533225	133.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	905424	695.03	ug/l #	86
59) 2-Hexanone	10.693	43	2331372	1106.58	ug/l	87
60) Dibromochloromethane	10.843	129	301789	115.55	ug/l	99
61) 1,2-Dibromoethane	10.948	107	293416	126.07	ug/l	98
64) Tetrachloroethene	10.572	164	262597	96.08	ug/l	97
65) Chlorobenzene	11.377	112	730685	105.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	269657	103.05	ug/l	99
67) Ethyl Benzene	11.454	91	1377231	109.39	ug/l	96
68) m/p-Xylenes	11.564	106	997520	207.63	ug/l	93
69) o-Xylene	11.892	106	487997	103.82	ug/l	94
70) Styrene	11.908	104	833065	112.30	ug/l	95
71) Bromoform	12.071	173	216438	116.97	ug/l #	98
73) Isopropylbenzene	12.192	105	1289877	96.72	ug/l	98
74) N-amyl acetate	12.015	43	845657	227.65	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.449	83	453393	122.23	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	504580m	134.26	ug/l	
77) Bromobenzene	12.468	156	301836	98.13	ug/l	70
78) n-propylbenzene	12.535	91	1567246	106.64	ug/l	96
79) 2-Chlorotoluene	12.618	91	926155	98.65	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	1105923	93.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	178120	136.29	ug/l	95
82) 4-Chlorotoluene	12.718	91	982607	101.33	ug/l	94
83) tert-Butylbenzene	12.938	119	913730	94.63	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	1115384	96.79	ug/l	100
85) sec-Butylbenzene	13.115	105	1247239	103.69	ug/l	98
86) p-Isopropyltoluene	13.233	119	1128730	101.51	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	551920	102.61	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	558622	99.06	ug/l	98
89) n-Butylbenzene	13.557	91	1066515	118.45	ug/l	98
90) Hexachloroethane	13.817	117	177359	104.82	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	541020	101.66	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.211	75	109627	96.48	ug/l	80
93) 1,2,4-Trichlorobenzene	14.850	180	342175	118.90	ug/l	99
94) Hexachlorobutadiene	14.949	225	153738	111.24	ug/l	99
95) Naphthalene	15.070	128	1083327	115.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	340945	109.14	ug/l	100

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

