

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066183.D
 Acq On : 12 Mar 2021 13:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031221

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:25 PM

Quant Time: Mar 13 02:39:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	399840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	637359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.345	117	590051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	296442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	303311	47.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.04%		
35) Dibromofluoromethane	7.504	113	204966	47.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.32%		
50) Toluene-d8	10.025	98	799374	45.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.80%		
62) 4-Bromofluorobenzene	12.342	95	297007	46.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	197039	45.88	ug/l	100
3) Chloromethane	2.017	50	312435	46.16	ug/l	99
4) Vinyl Chloride	2.146	62	282673	47.88	ug/l	98
5) Bromomethane	2.513	94	157890	45.94	ug/l	95
6) Chloroethane	2.652	64	160286	46.79	ug/l	98
7) Trichlorofluoromethane	2.964	101	330119	47.71	ug/l	97
8) Diethyl Ether	3.342	74	130267	47.55	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.677	101	192467	54.03	ug/l	99
10) Methyl Iodide	3.870	142	255945	54.28	ug/l	99
11) Tert butyl alcohol	4.696	59	248922	251.49	ug/l #	90
12) 1,1-Dichloroethene	3.661	96	194266	52.33	ug/l	98
13) Acrolein	3.527	56	275100	251.57	ug/l	99
14) Allyl chloride	4.227	41	553940	55.55	ug/l	99
15) Acrylonitrile	4.879	53	787186	269.40	ug/l	100
16) Acetone	3.736	43	685247	251.34	ug/l	100
17) Carbon Disulfide	3.964	76	595949	53.22	ug/l	99
18) Methyl Acetate	4.232	43	434985	54.69	ug/l	100
19) Methyl tert-butyl Ether	4.940	73	814016	55.97	ug/l	98
20) Methylene Chloride	4.452	84	244118	51.05	ug/l	97
21) trans-1,2-Dichloroethene	4.932	96	228494	54.24	ug/l	96
22) Diisopropyl ether	5.852	45	1082303	55.47	ug/l	99
23) Vinyl Acetate	5.790	43	4564558	281.91	ug/l	99
24) 1,1-Dichloroethane	5.742	63	506162	53.17	ug/l	99
25) 2-Butanone	6.740	43	1159138	238.28	ug/l	100
26) 2,2-Dichloropropane	6.721	77	406746	48.86	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	267021	51.98	ug/l	97
28) Bromochloromethane	7.102	49	265994	49.78	ug/l	99
29) Tetrahydrofuran	7.123	42	808658	249.85	ug/l	99
30) Chloroform	7.282	83	461036	50.59	ug/l	98
31) Cyclohexane	7.569	56	470108	49.66	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	388814	50.03	ug/l	99
36) 1,1-Dichloropropene	7.708	75	353858	52.55	ug/l	99
37) Ethyl Acetate	6.831	43	482648	51.38	ug/l	99
38) Carbon Tetrachloride	7.689	117	318956	50.78	ug/l	96
39) Methylcyclohexane	9.009	83	393727	50.41	ug/l	98
40) Benzene	7.960	78	1058468	51.95	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	244313	48.84	ug/l	97
42) 1,2-Dichloroethane	8.043	62	395186	50.46	ug/l	98
43) Isopropyl Acetate	8.089	43	803104	50.69	ug/l	100
44) Trichloroethene	8.762	130	251202	50.57	ug/l	99
45) 1,2-Dichloropropane	9.046	63	312431	49.64	ug/l	99
46) Dibromomethane	9.137	93	171270	49.23	ug/l	100
47) Bromodichloromethane	9.336	83	370537	49.22	ug/l	100
48) Methyl methacrylate	9.132	41	378039	50.54	ug/l	98
49) 1,4-Dioxane	9.132	88	73705	921.28	ug/l	99
51) 4-Methyl-2-Pentanone	9.918	43	2435362	254.06	ug/l	100
52) Toluene	10.092	92	622324	50.71	ug/l	99
53) t-1,3-Dichloropropene	10.318	75	427897	50.26	ug/l	98
54) cis-1,3-Dichloropropene	9.773	75	465868	50.48	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	244870	48.62	ug/l	98
56) Ethyl methacrylate	10.369	69	414105	46.12	ug/l	99
57) 1,3-Dichloropropane	10.645	76	453560	49.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.628	63	615993	224.39	ug/l	99
59) 2-Hexanone	10.690	43	1748177	236.39	ug/l	98
60) Dibromochloromethane	10.841	129	259042	49.63	ug/l	98
61) 1,2-Dibromoethane	10.945	107	250776	49.29	ug/l	100
64) Tetrachloroethene	10.570	164	263423	51.53	ug/l	96
65) Chlorobenzene	11.372	112	640100	52.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	243578	52.08	ug/l	98
67) Ethyl Benzene	11.452	91	1196326	54.47	ug/l	99
68) m/p-Xylenes	11.562	106	891714	109.51	ug/l	98
69) o-Xylene	11.889	106	422470	53.42	ug/l	100
70) Styrene	11.905	104	721632	48.99	ug/l	98
71) Bromoform	12.069	173	194357	48.29	ug/l #	100
73) Isopropylbenzene	12.192	105	1142007	51.07	ug/l	99
74) N-amyl acetate	12.013	43	588322	47.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	390082	48.20	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	382365m	54.73	ug/l	
77) Bromobenzene	12.466	156	281163	50.19	ug/l	99
78) n-propylbenzene	12.533	91	1353143	52.43	ug/l	99
79) 2-Chlorotoluene	12.616	91	813279	50.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	966541	51.81	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	130934	49.36	ug/l	98
82) 4-Chlorotoluene	12.715	91	850393	53.29	ug/l	99
83) tert-Butylbenzene	12.935	119	803219	51.07	ug/l	98
84) 1,2,4-Trimethylbenzene	12.981	105	961572	52.04	ug/l	98
85) sec-Butylbenzene	13.112	105	1100973	52.45	ug/l	100
86) p-Isopropyltoluene	13.230	119	977399	52.80	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	501498	51.72	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	503244	50.59	ug/l	97
89) n-Butylbenzene	13.557	91	878142	53.20	ug/l	98
90) Hexachloroethane	13.812	117	150816	50.74	ug/l	98
91) 1,2-Dichlorobenzene	13.592	146	487250	51.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	77160	46.17	ug/l	96
93) 1,2,4-Trichlorobenzene	14.850	180	286729	45.65	ug/l	100
94) Hexachlorobutadiene	14.947	225	159018	48.39	ug/l	100
95) Naphthalene	15.067	128	811172	44.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	283547	45.25	ug/l	99

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

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