

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066098.D
 Acq On : 2 Mar 2021 13:19
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:39 AM

Quant Time: Mar 02 13:36:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 13:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	87139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	144726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	136278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	64551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	132533	107.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 215.38%#			
35) Dibromofluoromethane	7.547	113	92798	102.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 205.74%#			
50) Toluene-d8	10.055	98	371523	101.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 203.70%#			
62) 4-Bromofluorobenzene	12.370	95	149342	108.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 217.58%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	115978	101.66	ug/l	96
3) Chloromethane	2.049	50	120107	87.25	ug/l	100
4) Vinyl Chloride	2.177	62	125864	91.69	ug/l	98
5) Bromomethane	2.528	94	83917	98.53	ug/l	97
6) Chloroethane	2.679	64	70255	91.00	ug/l	99
7) Trichlorofluoromethane	2.997	101	194885	109.38	ug/l	99
8) Diethyl Ether	3.386	74	58975	93.68	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.727	101	83672	91.69	ug/l	98
10) Methyl Iodide	3.920	142	134436	94.97	ug/l	92
11) Tert butyl alcohol	4.743	59	93105	541.82	ug/l #	88
12) 1,1-Dichloroethene	3.705	96	87854	91.03	ug/l	92
13) Acrolein	3.576	56	73455	473.05	ug/l	96
14) Allyl chloride	4.283	41	135786	83.21	ug/l	89
15) Acrylonitrile	4.936	53	213671	469.26	ug/l	99
16) Acetone	3.782	43	185079	444.44	ug/l	94
17) Carbon Disulfide	4.020	76	263187	95.48	ug/l	99
18) Methyl Acetate	4.287	43	88484	90.01	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	327876	103.65	ug/l	96
20) Methylene Chloride	4.512	84	101504	91.32	ug/l	95
21) trans-1,2-Dichloroethene	4.997	96	97264	95.95	ug/l	94
22) Diisopropyl ether	5.907	45	280264	86.45	ug/l	98
23) Vinyl Acetate	5.846	43	1212031	475.00	ug/l	98
24) 1,1-Dichloroethane	5.801	63	176689	92.99	ug/l	99
25) 2-Butanone	6.785	43	268837	458.06	ug/l	100
26) 2,2-Dichloropropane	6.775	77	178946	115.65	ug/l	94
27) cis-1,2-Dichloroethene	6.782	96	113369	98.10	ug/l	93
28) Bromochloromethane	7.151	49	76054	87.48	ug/l	97
29) Tetrahydrofuran	7.164	42	172499	430.45	ug/l	94
30) Chloroform	7.328	83	195170	102.53	ug/l	98
31) Cyclohexane	7.611	56	153000	86.88	ug/l	99
32) 1,1,1-Trichloroethane	7.528	97	183929	112.82	ug/l	99
36) 1,1-Dichloropropene	7.749	75	142651	100.02	ug/l	99
37) Ethyl Acetate	6.881	43	114706	91.27	ug/l	98
38) Carbon Tetrachloride	7.733	117	161340	117.71	ug/l	99
39) Methylcyclohexane	9.042	83	156127	97.94	ug/l	97
40) Benzene	8.004	78	416571	96.17	ug/l	100

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41) Methacrylonitrile	7.122	41	53829	91.72	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	164990	112.42	ug/l	97
43) Isopropyl Acetate	8.122	43	206708	101.76	ug/l #	91
44) Trichloroethene	8.798	130	114670	105.31	ug/l	98
45) 1,2-Dichloropropane	9.081	63	103060	94.01	ug/l	100
46) Dibromomethane	9.171	93	72185	105.94	ug/l	94
47) Bromodichloromethane	9.367	83	161115	114.66	ug/l	100
48) Methyl methacrylate	9.161	41	101181	99.06	ug/l	95
49) 1,4-Dioxane	9.161	88	36366	2054.55	ug/l	94
51) 4-Methyl-2-Pentanone	9.946	43	571788	470.74	ug/l	99
52) Toluene	10.119	92	272324	102.15	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	185770	118.63	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	192508	111.12	ug/l	96
55) 1,1,2-Trichloroethane	10.528	97	101810	102.21	ug/l	99
56) Ethyl methacrylate	10.396	69	154192	103.99	ug/l	99
57) 1,3-Dichloropropane	10.672	76	176482	100.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	292130	421.25	ug/l	96
59) 2-Hexanone	10.717	43	419446	485.63	ug/l	100
60) Dibromochloromethane	10.868	129	124251	120.06	ug/l	99
61) 1,2-Dibromoethane	10.971	107	108347	106.50	ug/l	99
64) Tetrachloroethene	10.598	164	110129	103.19	ug/l	96
65) Chlorobenzene	11.402	112	296017	103.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	113553	114.21	ug/l	97
67) Ethyl Benzene	11.479	91	532675	103.51	ug/l	99
68) m/p-Xylenes	11.589	106	410084	212.58	ug/l	96
69) o-Xylene	11.917	106	199648	107.64	ug/l	98
70) Styrene	11.933	104	329095	108.07	ug/l	95
71) Bromoform	12.097	173	81779	121.25	ug/l #	98
73) Isopropylbenzene	12.219	105	523548	99.01	ug/l	99
74) N-amyl acetate	12.039	43	164704	94.35	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	141118	92.13	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	138797m	90.08	ug/l	
77) Bromobenzene	12.495	156	124319	102.48	ug/l	90
78) n-propylbenzene	12.560	91	578114	96.88	ug/l	99
79) 2-Chlorotoluene	12.643	91	359455	95.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	458100	101.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	51349	105.71	ug/l	96
82) 4-Chlorotoluene	12.740	91	379388	100.03	ug/l	97
83) tert-Butylbenzene	12.961	119	373884	100.38	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	453412	100.71	ug/l	99
85) sec-Butylbenzene	13.142	105	473624	98.72	ug/l	100
86) p-Isopropyltoluene	13.257	119	449819	102.95	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	222354	104.07	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	223301	101.86	ug/l	97
89) n-Butylbenzene	13.582	91	368102	100.51	ug/l	99
90) Hexachloroethane	13.842	117	70125	96.37	ug/l	99
91) 1,2-Dichlorobenzene	13.621	146	215176	100.06	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	35963	128.29	ug/l	81
93) 1,2,4-Trichlorobenzene	14.875	180	126044	131.50	ug/l	98
94) Hexachlorobutadiene	14.974	225	51754	103.90	ug/l	99
95) Naphthalene	15.096	128	394188	126.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.277	180	128073	126.35	ug/l	99

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

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