

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066179.D
 Acq On : 12 Mar 2021 11:04
 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
 3/15/2021 12:41:20 PM

Quant Time: Mar 12 11:26:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 11:20:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	373252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	590878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	575629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	287016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	609396	105.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 211.54%#			
35) Dibromofluoromethane	7.509	113	415412	107.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 214.80%#			
50) Toluene-d8	10.030	98	1661364	100.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 201.52%#			
62) 4-Bromofluorobenzene	12.345	95	629618	108.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 216.98%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	391770	95.37	ug/l	99
3) Chloromethane	2.022	50	638842	100.43	ug/l	99
4) Vinyl Chloride	2.151	62	563999	98.66	ug/l	99
5) Bromomethane	2.502	94	301963	97.25	ug/l	98
6) Chloroethane	2.650	64	316671	97.67	ug/l	100
7) Trichlorofluoromethane	2.963	101	631630	92.72	ug/l	100
8) Diethyl Ether	3.344	74	244147	95.98	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.682	101	318716	90.78	ug/l	99
10) Methyl Iodide	3.870	142	464784	98.69	ug/l	99
11) Tert butyl alcohol	4.712	59	446561	470.24	ug/l	100
12) 1,1-Dichloroethene	3.661	96	330400	95.66	ug/l	100
13) Acrolein	3.532	56	503020	470.56	ug/l	99
14) Allyl chloride	4.229	41	949912	94.81	ug/l	100
15) Acrylonitrile	4.886	53	1397430	473.10	ug/l	99
16) Acetone	3.739	43	1198471	449.18	ug/l	98
17) Carbon Disulfide	3.966	76	1001584	94.09	ug/l	100
18) Methyl Acetate	4.237	43	750459	91.68	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	1374775	93.61	ug/l	100
20) Methylene Chloride	4.455	84	420155	94.98	ug/l	98
21) trans-1,2-Dichloroethene	4.935	96	384967	96.25	ug/l	98
22) Diisopropyl ether	5.860	45	1881271	96.17	ug/l	99
23) Vinyl Acetate	5.798	43	7873572	466.59	ug/l	99
24) 1,1-Dichloroethane	5.750	63	871515	94.17	ug/l	100
25) 2-Butanone	6.745	43	2307597	499.17	ug/l	100
26) 2,2-Dichloropropane	6.729	77	782594	101.68	ug/l	98
27) cis-1,2-Dichloroethene	6.734	96	505255	103.23	ug/l	99
28) Bromochloromethane	7.107	49	530337	105.20	ug/l	99
29) Tetrahydrofuran	7.126	42	1608667	501.29	ug/l	99
30) Chloroform	7.287	83	888241	101.79	ug/l	97
31) Cyclohexane	7.571	56	893647	103.72	ug/l	96
32) 1,1,1-Trichloroethane	7.488	97	752591	102.03	ug/l	100
36) 1,1-Dichloropropene	7.713	75	681511	104.63	ug/l	99
37) Ethyl Acetate	6.842	43	937999	99.20	ug/l	99
38) Carbon Tetrachloride	7.694	117	620208	102.25	ug/l	97
39) Methylcyclohexane	9.014	83	767957	104.24	ug/l	100
40) Benzene	7.965	78	2054106	102.65	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	443532	89.07	ug/l	92
42) 1,2-Dichloroethane	8.048	62	769970	102.33	ug/l	99
43) Isopropyl Acetate	8.094	43	1591113	101.50	ug/l #	93
44) Trichloroethene	8.767	130	481205	101.54	ug/l	99
45) 1,2-Dichloropropane	9.052	63	612925	101.54	ug/l	98
46) Dibromomethane	9.143	93	334026	100.59	ug/l	99
47) Bromodichloromethane	9.338	83	731808	96.35	ug/l	99
48) Methyl methacrylate	9.135	41	772824	103.51	ug/l	99
49) 1,4-Dioxane	9.137	88	147495	2110.40	ug/l	98
51) 4-Methyl-2-Pentanone	9.923	43	4772863	452.70	ug/l	98
52) Toluene	10.095	92	1249080	98.80	ug/l	100
53) t-1,3-Dichloropropene	10.323	75	865150	100.15	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	915822	97.11	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	487465	97.14	ug/l	97
56) Ethyl methacrylate	10.371	69	853742	101.33	ug/l	99
57) 1,3-Dichloropropane	10.647	76	906464	98.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	1229826	474.66	ug/l	100
59) 2-Hexanone	10.693	43	3592966	472.97	ug/l	99
60) Dibromochloromethane	10.843	129	523751	100.00	ug/l	99
61) 1,2-Dibromoethane	10.945	107	504010	99.83	ug/l	100
64) Tetrachloroethene	10.572	164	505971	95.84	ug/l	97
65) Chlorobenzene	11.374	112	1274798	103.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	489770	103.27	ug/l	98
67) Ethyl Benzene	11.455	91	2436024	103.48	ug/l	100
68) m/p-Xylenes	11.565	106	1798758	212.29	ug/l	98
69) o-Xylene	11.892	106	860545	106.86	ug/l	98
70) Styrene	11.908	104	1472369	108.11	ug/l	99
71) Bromoform	12.069	173	397324	106.38	ug/l #	99
73) Isopropylbenzene	12.192	105	2314622	100.93	ug/l	99
74) N-amyl acetate	12.015	43	1285269	111.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	773504	99.56	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	688548m	94.13	ug/l	
77) Bromobenzene	12.468	156	573665	103.90	ug/l	99
78) n-propylbenzene	12.535	91	2787886	103.18	ug/l	99
79) 2-Chlorotoluene	12.616	91	1662447	104.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	2007092	105.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	274746	102.88	ug/l	98
82) 4-Chlorotoluene	12.715	91	1732084	105.55	ug/l	100
83) tert-Butylbenzene	12.938	119	1649886	102.69	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	1994817	103.18	ug/l	99
85) sec-Butylbenzene	13.115	105	2295360	105.79	ug/l	100
86) p-Isopropyltoluene	13.233	119	2066789	107.41	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	1020717	105.91	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	1009774	107.40	ug/l	97
89) n-Butylbenzene	13.557	91	1879684	111.28	ug/l	99
90) Hexachloroethane	13.815	117	321234	109.95	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	1003546	102.47	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	170907	99.74	ug/l	96
93) 1,2,4-Trichlorobenzene	14.847	180	641182	111.46	ug/l	99
94) Hexachlorobutadiene	14.949	225	329781	104.51	ug/l	99
95) Naphthalene	15.067	128	1849903	108.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	638640	109.22	ug/l	99

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

