

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066214.D
 Acq On : 16 Mar 2021 15:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031621

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:48 PM

Quant Time: Mar 17 05:22:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	329311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	515874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	482251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	242669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	216979	45.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.46%		
35) Dibromofluoromethane	7.504	113	156196	47.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.92%		
50) Toluene-d8	10.025	98	608396	47.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.62%		
62) 4-Bromofluorobenzene	12.342	95	222657	48.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	161047	49.70	ug/l	98
3) Chloromethane	2.017	50	256717	49.18	ug/l	100
4) Vinyl Chloride	2.148	62	235332	50.32	ug/l	99
5) Bromomethane	2.518	94	135772	50.74	ug/l	95
6) Chloroethane	2.655	64	134447	49.69	ug/l	98
7) Trichlorofluoromethane	2.966	101	272364	49.75	ug/l	98
8) Diethyl Ether	3.344	74	106189	47.48	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.682	101	141129	48.65	ug/l	98
10) Methyl Iodide	3.867	142	188458	45.89	ug/l	98
11) Tert butyl alcohol	4.701	59	171471	211.72	ug/l	99
12) 1,1-Dichloroethene	3.661	96	143979	46.57	ug/l	94
13) Acrolein	3.532	56	137488	210.28	ug/l	98
14) Allyl chloride	4.227	41	374936	51.19	ug/l	98
15) Acrylonitrile	4.878	53	569676	234.88	ug/l	98
16) Acetone	3.736	43	575587	252.53	ug/l	99
17) Carbon Disulfide	3.967	76	409663	46.91	ug/l	100
18) Methyl Acetate	4.232	43	311278	48.80	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	563989	47.72	ug/l	100
20) Methylene Chloride	4.449	84	165610	46.44	ug/l	95
21) trans-1,2-Dichloroethene	4.929	96	163526	47.74	ug/l	94
22) Diisopropyl ether	5.855	45	749681	49.82	ug/l	97
23) Vinyl Acetate	5.790	43	3136246	243.08	ug/l	98
24) 1,1-Dichloroethane	5.739	63	359343	47.91	ug/l	98
25) 2-Butanone	6.740	43	866894	244.88	ug/l	97
26) 2,2-Dichloropropane	6.718	77	302882	48.86	ug/l	100
27) cis-1,2-Dichloroethene	6.724	96	197093	49.91	ug/l	95
28) Bromochloromethane	7.099	49	192945	48.66	ug/l	95
29) Tetrahydrofuran	7.123	42	574156	235.52	ug/l	98
30) Chloroform	7.281	83	336497	49.14	ug/l	98
31) Cyclohexane	7.566	56	331100	46.59	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	282265	47.95	ug/l	99
36) 1,1-Dichloropropene	7.705	75	258303	49.45	ug/l	99
37) Ethyl Acetate	6.836	43	336188	45.03	ug/l	96
38) Carbon Tetrachloride	7.686	117	237388	50.69	ug/l	99
39) Methylcyclohexane	9.009	83	293494	52.32	ug/l	97
40) Benzene	7.957	78	767483	48.94	ug/l	99

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41) Methacrylonitrile	7.075	41	167634	45.52	ug/l	92
42) 1,2-Dichloroethane	8.043	62	279046	49.03	ug/l	98
43) Isopropyl Acetate	8.089	43	553786	47.96	ug/l	97
44) Trichloroethene	8.762	130	187256	49.12	ug/l	99
45) 1,2-Dichloropropane	9.046	63	229768	50.62	ug/l	99
46) Dibromomethane	9.135	93	126736	50.11	ug/l	98
47) Bromodichloromethane	9.333	83	270102	48.98	ug/l	97
48) Methyl methacrylate	9.132	41	270243	49.37	ug/l	97
49) 1,4-Dioxane	9.135	88	53212	896.00	ug/l	98
51) 4-Methyl-2-Pentanone	9.918	43	1728168	247.67	ug/l	98
52) Toluene	10.089	92	464116	51.06	ug/l	100
53) t-1,3-Dichloropropene	10.317	75	321969	51.64	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	341837	50.46	ug/l	95
55) 1,1,2-Trichloroethane	10.500	97	185652	49.86	ug/l	97
56) Ethyl methacrylate	10.368	69	304381	45.98	ug/l	95
57) 1,3-Dichloropropane	10.645	76	332132	49.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.628	63	134458	195.10	ug/l	98
59) 2-Hexanone	10.690	43	1282610	235.18	ug/l	97
60) Dibromochloromethane	10.840	129	194547	49.88	ug/l	99
61) 1,2-Dibromoethane	10.942	107	187506	50.57	ug/l	99
64) Tetrachloroethene	10.567	164	193654	48.42	ug/l	97
65) Chlorobenzene	11.371	112	484042	50.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	182521	50.35	ug/l	99
67) Ethyl Benzene	11.452	91	888583	51.78	ug/l	100
68) m/p-Xylenes	11.562	106	663595	104.22	ug/l	98
69) o-Xylene	11.889	106	312983	51.17	ug/l	99
70) Styrene	11.905	104	539780	47.60	ug/l	98
71) Bromoform	12.066	173	146749	51.06	ug/l #	99
73) Isopropylbenzene	12.189	105	840456	49.42	ug/l	98
74) N-amyl acetate	12.012	43	433099	46.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.444	83	278328	46.83	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	292054m	46.60	ug/l	
77) Bromobenzene	12.466	156	213013	47.75	ug/l	95
78) n-propylbenzene	12.533	91	1006599	51.46	ug/l	98
79) 2-Chlorotoluene	12.616	91	595723	49.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	711866	50.46	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.240	75	101423	48.43	ug/l	96
82) 4-Chlorotoluene	12.715	91	633037	48.75	ug/l	99
83) tert-Butylbenzene	12.935	119	600079	48.76	ug/l	99
84) 1,2,4-Trimethylbenzene	12.981	105	709971	51.47	ug/l	98
85) sec-Butylbenzene	13.112	105	822966	52.17	ug/l	99
86) p-Isopropyltoluene	13.230	119	743087	53.70	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	389466	51.52	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	400472	50.58	ug/l	97
89) n-Butylbenzene	13.557	91	675289	48.72	ug/l	98
90) Hexachloroethane	13.815	117	118985	49.12	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	378921	50.88	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	61531	46.46	ug/l	92
93) 1,2,4-Trichlorobenzene	14.850	180	265937	54.66	ug/l	99
94) Hexachlorobutadiene	14.949	225	127690	53.99	ug/l	99
95) Naphthalene	15.067	128	787882	55.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	255632	52.76	ug/l	99

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

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