

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082125.D
 Acq On : 14 May 2024 19:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 02:51:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	130	0.00
2 M	Dichlorodifluoromethane	20.000	18.700	6.5	123	0.00
3 M	Chloromethane	20.000	20.334	-1.7	136	0.00
4 M	Vinyl Chloride	20.000	24.061	-20.3	162	0.00
5 M	Bromomethane	20.000	27.675	-38.4#	180	0.05
6 M	Chloroethane	20.000	33.652	-68.3#	216	0.02
7 M	Trichlorofluoromethane	20.000	21.299	-6.5	138	0.02
8 T	Diethyl Ether	20.000	17.630	11.9	114	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	18.935	5.3	121	0.01
10 M	1,1-Dichloroethene	20.000	17.534	12.3	117	0.02
11	Methyl Iodide	20.000	20.592	-3.0	154	0.01
12	Methyl Acetate	20.000	25.109	-25.5#	171	0.00
13 M	Acrolein	100.000	81.449	18.6	112	0.01
14 M	Acrylonitrile	100.000	105.787	-5.8	138	0.00
15 M	Acetone	100.000	100.042	-0.0	128	0.00
16 M	Carbon Disulfide	20.000	14.876	25.6#	101	0.00
17	Allyl chloride	20.000	18.681	6.6	118	0.01
18 M	Methylene Chloride	20.000	19.431	2.8	132	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.555	12.2	121	0.01
20 T	Diisopropyl ether	20.000	22.632	-13.2	149	0.00
21 M	1,1-Dichloroethane	20.000	21.509	-7.5	139	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.019	4.9	128	0.00
23 M	tert-Butyl Alcohol	100.000	94.861	5.1	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.112	-0.6	129	0.00
25 M	Chloroform	20.000	22.092	-10.5	144	0.00
26	Cyclohexane	20.000	17.870	10.6	119	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.949	-13.2	150	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	125	0.00
29	1,1-Dichloropropene	20.000	20.079	-0.4	128	0.00
30 M	2-Butanone	100.000	117.734	-17.7	146	0.00
31	2,2-Dichloropropane	20.000	25.436	-27.2#	165	0.00
32 M	1,1,1-Trichloroethane	20.000	24.118	-20.6	151	0.00
33 M	Carbon Tetrachloride	20.000	23.355	-16.8	146	0.00
34 M	Benzene	20.000	20.890	-4.5	130	0.00
35	Methacrylonitrile	20.000	22.192	-11.0	142	0.00
36 M	1,2-Dichloroethane	20.000	24.296	-21.5	155	0.00
37 M	Trichloroethene	20.000	18.390	8.0	117	0.00
38	Methylcyclohexane	20.000	17.765	11.2	112	0.00
39 M	1,2-Dichloropropane	20.000	21.928	-9.6	143	0.00
40	Dibromomethane	20.000	21.609	-8.0	140	0.00
41 M	Bromodichloromethane	20.000	22.256	-11.3	144	0.00
42 M	Vinyl Acetate	100.000	109.456	-9.5	140	0.00
43	Ethyl Acetate	20.000	23.944	-19.7	155	0.00
44	Isopropyl Acetate	20.000	23.565	-17.8	149	0.00
45 T	1,4-Dioxane	400.000	398.535	0.4	125	0.00
46	Methyl methacrylate	20.000	23.053	-15.3	147	0.00
47	n-amyl Acetate	20.000	21.739	-8.7	140	0.00
48 M	t-1,3-Dichloropropene	20.000	20.257	-1.3	132	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.590	-2.9	131	0.00
50 M	1,1,2-Trichloroethane	20.000	22.523	-12.6	142	0.00
51	Ethyl methacrylate	20.000	19.626	1.9	126	0.00
52	1,3-Dichloropropane	20.000	22.191	-11.0	142	0.00
53 M	Dibromochloromethane	20.000	22.695	-13.5	150	0.00
54 M	1,2-Dibromoethane	20.000	21.026	-5.1	133	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.234	-7.2	135	0.00
56 M	Bromoform	20.000	22.770	-13.8	145	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	131	0.00
58 M	4-Methyl-2-Pentanone	100.000	117.699	-17.7	151	0.00
59 M	2-Hexanone	100.000	115.008	-15.0	148	0.00
60 S	4-Bromofluorobenzene	30.000	28.033	6.6	125	0.00
61 M	Tetrachloroethene	20.000	20.289	-1.4	128	0.00
62 M	Toluene	20.000	20.784	-3.9	135	0.00
63 S	Toluene-d8	30.000	29.895	0.4	129	0.00
64 M	Chlorobenzene	20.000	20.738	-3.7	134	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.448	-7.2	138	0.00
66 M	Ethyl Benzene	20.000	20.871	-4.4	132	0.00
67 M	m/p-Xylenes	40.000	40.393	-1.0	130	0.00
68 M	o-Xylene	20.000	20.122	-0.6	127	0.00
69 M	Styrene	20.000	20.348	-1.7	133	0.00
70	Isopropylbenzene	20.000	20.478	-2.4	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.022	-10.1	138	0.00
72	1,2,3-Trichloropropane	20.000	25.420	-27.1#	171	0.00
73	Bromobenzene	20.000	21.995	-10.0	146	0.00
74	n-propylbenzene	20.000	20.880	-4.4	134	0.00
75	2-Chlorotoluene	20.000	20.214	-1.1	131	0.00
76	1,3,5-Trimethylbenzene	20.000	20.812	-4.1	132	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.712	6.4	124	0.00
78	4-Chlorotoluene	20.000	20.565	-2.8	135	0.00
79	tert-butylbenzene	20.000	20.610	-3.0	131	0.00
80	1,2,4-Trimethylbenzene	20.000	20.765	-3.8	135	0.00
81	sec-Butylbenzene	20.000	20.904	-4.5	136	0.00
82	p-Isopropyltoluene	20.000	21.660	-8.3	138	0.00
83 M	1,3-Dichlorobenzene	20.000	22.665	-13.3	144	0.00
84 M	1,4-Dichlorobenzene	20.000	22.456	-12.3	145	0.00
85	n-Butylbenzene	20.000	21.135	-5.7	140	0.00
86 T	Hexachloroethane	20.000	19.981	0.1	128	0.00
87 M	1,2-Dichlorobenzene	20.000	22.491	-12.5	146	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.417	2.9	120	0.00
89	1,2,4-Trichlorobenzene	20.000	22.542	-12.7	149	0.00
90	Hexachlorobutadiene	20.000	24.359	-21.8	167	0.00
91 M	Naphthalene	20.000	18.815	5.9	121	0.00
92	1,2,3-Trichlorobenzene	20.000	22.542	-12.7	149	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0