

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082114.D
 Acq On : 14 May 2024 13:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 02:45:52 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	144	0.00
2 M	Dichlorodifluoromethane	20.000	18.153	9.2	132	0.00
3 M	Chloromethane	20.000	19.180	4.1	142	0.00
4 M	Vinyl Chloride	20.000	22.201	-11.0	166	0.00
5 M	Bromomethane	20.000	24.283	-21.4	175	0.05
6 M	Chloroethane	20.000	30.008	-50.0#	214	0.03
7 M	Trichlorofluoromethane	20.000	20.166	-0.8	145	0.02
8 T	Diethyl Ether	20.000	17.118	14.4	122	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	17.600	12.0	125	0.02
10 M	1,1-Dichloroethene	20.000	16.427	17.9	122	0.02
11	Methyl Iodide	20.000	18.350	8.2	152	0.00
12	Methyl Acetate	20.000	23.483	-17.4	177	0.00
13 M	Acrolein	100.000	99.237	0.8	151	0.00
14 M	Acrylonitrile	100.000	97.507	2.5	141	0.00
15 M	Acetone	100.000	92.785	7.2	131	0.00
16 M	Carbon Disulfide	20.000	14.245	28.8#	107	0.00
17	Allyl chloride	20.000	18.392	8.0	128	0.01
18 M	Methylene Chloride	20.000	18.694	6.5	140	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.948	15.3	130	0.00
20 T	Diisopropyl ether	20.000	21.392	-7.0	156	0.00
21 M	1,1-Dichloroethane	20.000	19.271	3.6	137	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.121	9.4	135	0.00
23 M	tert-Butyl Alcohol	100.000	90.201	9.8	124	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.969	5.2	134	0.00
25 M	Chloroform	20.000	20.805	-4.0	150	0.00
26	Cyclohexane	20.000	17.399	13.0	128	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.665	-12.2	164	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	140	0.00
29	1,1-Dichloropropene	20.000	19.141	4.3	136	0.00
30 M	2-Butanone	100.000	105.612	-5.6	146	0.00
31	2,2-Dichloropropane	20.000	22.014	-10.1	159	0.00
32 M	1,1,1-Trichloroethane	20.000	21.625	-8.1	152	0.00
33 M	Carbon Tetrachloride	20.000	21.760	-8.8	152	0.00
34 M	Benzene	20.000	19.505	2.5	136	0.00
35	Methacrylonitrile	20.000	22.790	-13.9	163	0.00
36 M	1,2-Dichloroethane	20.000	22.233	-11.2	159	0.00
37 M	Trichloroethene	20.000	17.584	12.1	125	0.00
38	Methylcyclohexane	20.000	16.864	15.7	119	0.00
39 M	1,2-Dichloropropane	20.000	20.373	-1.9	148	0.00
40	Dibromomethane	20.000	20.198	-1.0	146	0.00
41 M	Bromodichloromethane	20.000	21.490	-7.4	156	0.00
42 M	Vinyl Acetate	100.000	100.329	-0.3	143	0.00
43	Ethyl Acetate	20.000	21.004	-5.0	152	0.00
44	Isopropyl Acetate	20.000	21.488	-7.4	152	0.00
45 T	1,4-Dioxane	400.000	361.406	9.6	127	0.00
46	Methyl methacrylate	20.000	21.496	-7.5	153	0.00
47	n-amyl Acetate	20.000	20.779	-3.9	150	0.00
48 M	t-1,3-Dichloropropene	20.000	19.487	2.6	142	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.000	5.0	135	0.00
50 M	1,1,2-Trichloroethane	20.000	21.152	-5.8	149	0.00
51	Ethyl methacrylate	20.000	18.060	9.7	129	0.00
52	1,3-Dichloropropane	20.000	20.513	-2.6	147	0.00
53 M	Dibromochloromethane	20.000	20.930	-4.6	154	0.00
54 M	1,2-Dibromoethane	20.000	20.267	-1.3	143	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.838	4.2	134	0.00
56 M	Bromoform	20.000	21.135	-5.7	151	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	153	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.914	-2.9	155	0.00
59 M	2-Hexanone	100.000	100.521	-0.5	151	0.00
60 S	4-Bromofluorobenzene	30.000	26.974	10.1	141	0.00
61 M	Tetrachloroethene	20.000	18.824	5.9	139	0.00
62 M	Toluene	20.000	18.719	6.4	142	0.00
63 S	Toluene-d8	30.000	28.907	3.6	146	0.00
64 M	Chlorobenzene	20.000	18.502	7.5	139	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.184	-0.9	152	0.00
66 M	Ethyl Benzene	20.000	18.782	6.1	139	0.00
67 M	m/p-Xylenes	40.000	36.766	8.1	138	0.00
68 M	o-Xylene	20.000	18.075	9.6	134	0.00
69 M	Styrene	20.000	18.407	8.0	141	0.00
70	Isopropylbenzene	20.000	18.943	5.3	141	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.575	2.1	144	0.00
72	1,2,3-Trichloropropane	20.000	19.069	4.7	150	0.00
73	Bromobenzene	20.000	19.549	2.3	152	0.00
74	n-propylbenzene	20.000	18.932	5.3	142	0.00
75	2-Chlorotoluene	20.000	18.431	7.8	140	0.00
76	1,3,5-Trimethylbenzene	20.000	18.713	6.4	139	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.324	18.4	127	0.00
78	4-Chlorotoluene	20.000	18.280	8.6	141	0.00
79	tert-butylbenzene	20.000	18.535	7.3	138	0.00
80	1,2,4-Trimethylbenzene	20.000	18.914	5.4	144	0.00
81	sec-Butylbenzene	20.000	19.279	3.6	147	0.00
82	p-Isopropyltoluene	20.000	19.195	4.0	143	0.00
83 M	1,3-Dichlorobenzene	20.000	20.958	-4.8	156	0.00
84 M	1,4-Dichlorobenzene	20.000	20.380	-1.9	155	0.00
85	n-Butylbenzene	20.000	18.858	5.7	146	0.00
86 T	Hexachloroethane	20.000	18.089	9.6	136	0.00
87 M	1,2-Dichlorobenzene	20.000	20.183	-0.9	153	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.570	12.1	127	0.00
89	1,2,4-Trichlorobenzene	20.000	20.204	-1.0	156	0.00
90	Hexachlorobutadiene	20.000	21.844	-9.2	175	0.00
91 M	Naphthalene	20.000	16.844	15.8	127	0.00
92	1,2,3-Trichlorobenzene	20.000	20.204	-1.0	156	0.00

(#) = Out of Range

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