

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079304.D
 Acq On : 19 Sep 2023 17:01
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 20 03:52:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 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	121	0.00
2 M	Dichlorodifluoromethane	20.000	19.844	0.8	128	0.00
3 M	Chloromethane	20.000	23.949	-19.7	153	0.00
4 M	Vinyl Chloride	20.000	27.360	-36.8#	176	0.00
5 M	Bromomethane	20.000	25.192	-26.0#	168	0.00
6 M	Chloroethane	20.000	31.009	-55.0#	202	0.00
7 M	Trichlorofluoromethane	20.000	28.460	-42.3#	185	0.00
8 T	Diethyl Ether	20.000	27.630	-38.1#	170	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	29.042	-45.2#	183	0.01
10 M	1,1-Dichloroethene	20.000	26.777	-33.9#	163	0.00
11	Methyl Iodide	20.000	22.016	-10.1	139	0.00
12	Methyl Acetate	20.000	26.979	-34.9#	174	-0.01
13 M	Acrolein	100.000	95.198	4.8	113	0.00
14 M	Acrylonitrile	100.000	117.457	-17.5	150	0.00
15 M	Acetone	100.000	146.822	-46.8#	181	0.00
16 M	Carbon Disulfide	20.000	25.825	-29.1#	163	0.00
17	Allyl chloride	20.000	26.180	-30.9#	156	0.00
18 M	Methylene Chloride	20.000	26.872	-34.4#	172	0.00
19 M	trans-1,2-Dichloroethene	20.000	24.379	-21.9	151	-0.01
20 T	Diisopropyl ether	20.000	22.824	-14.1	118	-0.01
21 M	1,1-Dichloroethane	20.000	22.722	-13.6	122	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.824	5.9	112	0.00
23 M	tert-Butyl Alcohol	100.000	84.931	15.1	111	0.00
24 M	Methyl tert-Butyl Ether	20.000	24.382	-21.9	150	0.00
25 M	Chloroform	20.000	19.700	1.5	124	0.00
26	Cyclohexane	20.000	18.086	9.6	113	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.073	-10.2	138	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	122	0.00
29	1,1-Dichloropropene	20.000	18.624	6.9	121	0.00
30 M	2-Butanone	100.000	90.058	9.9	108	0.00
31	2,2-Dichloropropane	20.000	20.691	-3.5	125	0.00
32 M	1,1,1-Trichloroethane	20.000	18.651	6.7	121	0.00
33 M	Carbon Tetrachloride	20.000	18.345	8.3	120	0.00
34 M	Benzene	20.000	17.678	11.6	115	0.00
35	Methacrylonitrile	20.000	18.340	8.3	114	-0.01
36 M	1,2-Dichloroethane	20.000	19.295	3.5	130	0.00
37 M	Trichloroethene	20.000	17.030	14.8	116	0.00
38	Methylcyclohexane	20.000	17.790	11.1	115	0.00
39 M	1,2-Dichloropropane	20.000	17.689	11.6	115	0.00
40	Dibromomethane	20.000	18.520	7.4	121	0.00
41 M	Bromodichloromethane	20.000	19.480	2.6	126	0.00
42 M	Vinyl Acetate	100.000	103.908	-3.9	113	0.00
43	Ethyl Acetate	20.000	18.599	7.0	107	-0.01
44	Isopropyl Acetate	20.000	17.102	14.5	113	0.00
45 T	1,4-Dioxane	400.000	263.833	34.0#	89	0.00
46	Methyl methacrylate	20.000	17.497	12.5	112	0.00
47	n-amyl Acetate	20.000	19.958	0.2	135	0.00
48 M	t-1,3-Dichloropropene	20.000	18.082	9.6	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.327	8.4	123	0.00
50 M	1,1,2-Trichloroethane	20.000	19.637	1.8	126	0.00
51	Ethyl methacrylate	20.000	16.781	16.1	106	0.00
52	1,3-Dichloropropane	20.000	19.627	1.9	123	0.00
53 M	Dibromochloromethane	20.000	19.279	3.6	126	0.00
54 M	1,2-Dibromoethane	20.000	18.895	5.5	121	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.153	17.8	107	0.00
56 M	Bromoform	20.000	18.102	9.5	124	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	137	0.00
58 M	4-Methyl-2-Pentanone	100.000	78.504	21.5	111	0.00
59 M	2-Hexanone	100.000	85.049	15.0	115	0.00
60 S	4-Bromofluorobenzene	30.000	27.234	9.2	121	0.00
61 M	Tetrachloroethene	20.000	18.070	9.6	125	0.00
62 M	Toluene	20.000	16.414	17.9	117	0.00
63 S	Toluene-d8	30.000	28.287	5.7	130	0.00
64 M	Chlorobenzene	20.000	18.083	9.6	131	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.244	8.8	132	0.00
66 M	Ethyl Benzene	20.000	18.821	5.9	132	0.00
67 M	m/p-Xylenes	40.000	37.662	5.8	130	0.00
68 M	o-Xylene	20.000	18.415	7.9	140	0.00
69 M	Styrene	20.000	18.951	5.2	140	0.00
70	Isopropylbenzene	20.000	17.304	13.5	122	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.850	20.8	114	0.00
72	1,2,3-Trichloropropane	20.000	14.949	25.3#	112	0.00
73	Bromobenzene	20.000	15.599	22.0	110	0.00
74	n-propylbenzene	20.000	17.875	10.6	123	0.00
75	2-Chlorotoluene	20.000	16.992	15.0	118	0.00
76	1,3,5-Trimethylbenzene	20.000	17.706	11.5	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.340	28.3#	100	0.00
78	4-Chlorotoluene	20.000	17.031	14.8	119	0.00
79	tert-butylbenzene	20.000	16.989	15.1	113	0.00
80	1,2,4-Trimethylbenzene	20.000	17.746	11.3	119	0.00
81	sec-Butylbenzene	20.000	18.244	8.8	124	0.00
82	p-Isopropyltoluene	20.000	18.579	7.1	124	0.00
83 M	1,3-Dichlorobenzene	20.000	17.115	14.4	116	0.00
84 M	1,4-Dichlorobenzene	20.000	17.306	13.5	116	0.00
85	n-Butylbenzene	20.000	20.380	-1.9	136	0.00
86 T	Hexachloroethane	20.000	18.400	8.0	123	0.00
87 M	1,2-Dichlorobenzene	20.000	16.642	16.8	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.322	28.4#	96	0.00
89	1,2,4-Trichlorobenzene	20.000	13.818	30.9#	98	0.00
90	Hexachlorobutadiene	20.000	17.125	14.4	127	0.00
91 M	Naphthalene	20.000	11.281	43.6#	80	0.00
92	1,2,3-Trichlorobenzene	20.000	13.818	30.9#	98	0.00

(#) = Out of Range

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