

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075052.D
 Acq On : 28 Oct 2022 10:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 31 01:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	20.536	-2.7	100	0.00
3 M	Chloromethane	20.000	22.487	-12.4	98	0.00
4 M	Vinyl Chloride	20.000	21.928	-9.6	106	0.00
5 M	Bromomethane	20.000	22.194	-11.0	104	0.00
6 M	Chloroethane	20.000	22.431	-12.2	105	0.00
7 M	Trichlorofluoromethane	20.000	22.494	-12.5	109	0.00
8 T	Diethyl Ether	20.000	21.256	-6.3	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.634	-18.2	114	0.00
10 M	1,1-Dichloroethene	20.000	22.238	-11.2	115	0.00
11	Methyl Iodide	20.000	21.368	-6.8	106	0.00
12	Methyl Acetate	20.000	20.708	-3.5	104	0.00
13 M	Acrolein	100.000	84.930	15.1	80	-0.01
14 M	Acrylonitrile	100.000	101.688	-1.7	102	0.00
15 M	Acetone	100.000	161.410	-61.4#	161	-0.01
16 M	Carbon Disulfide	20.000	21.372	-6.9	108	0.00
17	Allyl chloride	20.000	22.599	-13.0	109	0.00
18 M	Methylene Chloride	20.000	22.150	-10.7	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.405	-7.0	110	0.00
20 T	Diisopropyl ether	20.000	22.027	-10.1	111	0.00
21 M	1,1-Dichloroethane	20.000	22.566	-12.8	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.959	-9.8	111	0.00
23 M	tert-Butyl Alcohol	100.000	93.874	6.1	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.028	-10.1	113	0.00
25 M	Chloroform	20.000	22.159	-10.8	115	0.00
26	Cyclohexane	20.000	21.875	-9.4	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.701	-9.0	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	21.469	-7.3	115	0.00
30 M	2-Butanone	100.000	116.602	-16.6	120	0.00
31	2,2-Dichloropropane	20.000	21.939	-9.7	117	0.00
32 M	1,1,1-Trichloroethane	20.000	21.510	-7.6	113	0.00
33 M	Carbon Tetrachloride	20.000	20.685	-3.4	112	0.00
34 M	Benzene	20.000	21.251	-6.3	112	0.00
35	Methacrylonitrile	20.000	19.983	0.1	108	0.00
36 M	1,2-Dichloroethane	20.000	22.543	-12.7	118	0.00
37 M	Trichloroethene	20.000	21.730	-8.7	118	0.00
38	Methylcyclohexane	20.000	20.984	-4.9	114	0.00
39 M	1,2-Dichloropropane	20.000	21.682	-8.4	113	0.00
40	Dibromomethane	20.000	21.191	-6.0	117	-0.01
41 M	Bromodichloromethane	20.000	22.020	-10.1	118	0.00
42 M	Vinyl Acetate	100.000	116.476	-16.5	122	0.00
43	Ethyl Acetate	20.000	19.972	0.1	107	0.00
44	Isopropyl Acetate	20.000	20.306	-1.5	107	0.00
45 T	1,4-Dioxane	400.000	365.167	8.7	101	0.00
46	Methyl methacrylate	20.000	19.780	1.1	99	0.00
47	n-amyl Acetate	20.000	19.728	1.4	107	0.00
48 M	t-1,3-Dichloropropene	20.000	20.174	-0.9	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.614	-3.1	112	0.00
50 M	1,1,2-Trichloroethane	20.000	20.417	-2.1	112	0.00
51	Ethyl methacrylate	20.000	19.967	0.2	110	0.00
52	1,3-Dichloropropane	20.000	21.473	-7.4	113	0.00
53 M	Dibromochloromethane	20.000	19.273	3.6	111	0.00
54 M	1,2-Dibromoethane	20.000	19.924	0.4	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.414	9.6	98	0.00
56 M	Bromoform	20.000	17.520	12.4	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.831	-1.8	104	0.00
59 M	2-Hexanone	100.000	109.535	-9.5	110	0.00
60 S	4-Bromofluorobenzene	30.000	28.951	3.5	108	0.00
61 M	Tetrachloroethene	20.000	24.008	-20.0	127	0.00
62 M	Toluene	20.000	21.616	-8.1	115	0.00
63 S	Toluene-d8	30.000	30.555	-1.8	107	0.00
64 M	Chlorobenzene	20.000	21.016	-5.1	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.452	-7.3	113	0.00
66 M	Ethyl Benzene	20.000	21.362	-6.8	114	0.00
67 M	m/p-Xylenes	40.000	41.947	-4.9	114	0.00
68 M	o-Xylene	20.000	20.644	-3.2	112	0.00
69 M	Styrene	20.000	20.232	-1.2	114	0.00
70	Isopropylbenzene	20.000	20.702	-3.5	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.225	-1.1	105	0.00
72	1,2,3-Trichloropropane	20.000	20.037	-0.2	104	0.00
73	Bromobenzene	20.000	19.713	1.4	110	0.00
74	n-propylbenzene	20.000	21.339	-6.7	119	0.00
75	2-Chlorotoluene	20.000	20.677	-3.4	113	0.00
76	1,3,5-Trimethylbenzene	20.000	20.407	-2.0	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.643	1.8	110	0.00
78	4-Chlorotoluene	20.000	20.853	-4.3	119	0.00
79	tert-butylbenzene	20.000	20.103	-0.5	111	0.00
80	1,2,4-Trimethylbenzene	20.000	20.203	-1.0	112	0.00
81	sec-Butylbenzene	20.000	20.469	-2.3	115	0.00
82	p-Isopropyltoluene	20.000	19.384	3.1	111	0.00
83 M	1,3-Dichlorobenzene	20.000	19.404	3.0	114	0.00
84 M	1,4-Dichlorobenzene	20.000	19.700	1.5	119	0.00
85	n-Butylbenzene	20.000	20.221	-1.1	120	0.00
86 T	Hexachloroethane	20.000	19.019	4.9	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.689	1.6	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.402	3.0	98	0.00
89	1,2,4-Trichlorobenzene	20.000	20.004	-0.0	124	0.00
90	Hexachlorobutadiene	20.000	20.033	-0.2	117	0.00
91 M	Naphthalene	20.000	18.257	8.7	111	0.00
92	1,2,3-Trichlorobenzene	20.000	19.169	4.2	116	0.00

(#) = Out of Range

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