

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077590.D
 Acq On : 05 May 2023 13:42
 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 06 02:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	19.910	0.4	96	0.00
3 M	Chloromethane	20.000	22.797	-14.0	111	0.00
4 M	Vinyl Chloride	20.000	20.346	-1.7	97	0.00
5 M	Bromomethane	20.000	17.477	12.6	90	0.00
6 M	Chloroethane	20.000	19.761	1.2	99	0.00
7 M	Trichlorofluoromethane	20.000	20.801	-4.0	100	0.00
8 T	Diethyl Ether	20.000	21.897	-9.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.825	0.9	94	0.00
10 M	1,1-Dichloroethene	20.000	19.403	3.0	94	0.00
11	Methyl Iodide	20.000	19.542	2.3	93	0.00
12	Methyl Acetate	20.000	23.618	-18.1	110	0.00
13 M	Acrolein	100.000	105.187	-5.2	98	0.00
14 M	Acrylonitrile	100.000	106.715	-6.7	103	0.00
15 M	Acetone	100.000	93.141	6.9	82	0.00
16 M	Carbon Disulfide	20.000	19.295	3.5	95	0.00
17	Allyl chloride	20.000	21.998	-10.0	109	0.00
18 M	Methylene Chloride	20.000	20.211	-1.1	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.380	3.1	93	0.00
20 T	Diisopropyl ether	20.000	23.808	-19.0	113	0.00
21 M	1,1-Dichloroethane	20.000	21.849	-9.2	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.251	-1.3	98	0.00
23 M	tert-Butyl Alcohol	100.000	103.153	-3.2	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.626	-3.1	101	0.00
25 M	Chloroform	20.000	21.173	-5.9	101	0.00
26	Cyclohexane	20.000	21.249	-6.2	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.397	-8.0	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	21.404	-7.0	100	0.00
30 M	2-Butanone	100.000	110.818	-10.8	101	0.00
31	2,2-Dichloropropane	20.000	19.371	3.1	91	0.00
32 M	1,1,1-Trichloroethane	20.000	21.048	-5.2	97	0.00
33 M	Carbon Tetrachloride	20.000	20.083	-0.4	94	0.00
34 M	Benzene	20.000	21.239	-6.2	99	0.00
35	Methacrylonitrile	20.000	25.000	-25.0	116	0.00
36 M	1,2-Dichloroethane	20.000	22.129	-10.6	101	0.00
37 M	Trichloroethene	20.000	20.218	-1.1	95	0.00
38	Methylcyclohexane	20.000	19.276	3.6	90	0.00
39 M	1,2-Dichloropropane	20.000	21.618	-8.1	103	0.00
40	Dibromomethane	20.000	20.827	-4.1	99	0.00
41 M	Bromodichloromethane	20.000	21.360	-6.8	100	0.00
42 M	Vinyl Acetate	100.000	109.427	-9.4	113	0.00
43	Ethyl Acetate	20.000	22.867	-14.3	103	0.00
44	Isopropyl Acetate	20.000	22.912	-14.6	104	0.00
45 T	1,4-Dioxane	400.000	405.432	-1.4	94	0.00
46	Methyl methacrylate	20.000	23.488	-17.4	110	0.00
47	n-amyl Acetate	20.000	23.172	-15.9	109	0.00
48 M	t-1,3-Dichloropropene	20.000	20.647	-3.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.026	-5.1	97	0.00
50 M	1,1,2-Trichloroethane	20.000	21.094	-5.5	97	0.00
51	Ethyl methacrylate	20.000	21.964	-9.8	102	0.00
52	1,3-Dichloropropane	20.000	21.278	-6.4	99	0.00
53 M	Dibromochloromethane	20.000	20.357	-1.8	93	0.00
54 M	1,2-Dibromoethane	20.000	20.475	-2.4	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.631	11.4	82	0.00
56 M	Bromoform	20.000	19.461	2.7	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	116.161	-16.2	111	0.00
59 M	2-Hexanone	100.000	111.581	-11.6	105	0.00
60 S	4-Bromofluorobenzene	30.000	31.576	-5.3	99	0.00
61 M	Tetrachloroethene	20.000	19.483	2.6	92	0.00
62 M	Toluene	20.000	20.706	-3.5	98	0.00
63 S	Toluene-d8	30.000	29.966	0.1	97	0.00
64 M	Chlorobenzene	20.000	20.183	-0.9	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.540	-2.7	97	0.00
66 M	Ethyl Benzene	20.000	20.920	-4.6	101	0.00
67 M	m/p-Xylenes	40.000	41.409	-3.5	98	0.00
68 M	o-Xylene	20.000	20.918	-4.6	100	0.00
69 M	Styrene	20.000	20.835	-4.2	99	0.00
70	Isopropylbenzene	20.000	20.674	-3.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.308	-1.5	98	0.00
72	1,2,3-Trichloropropane	20.000	20.174	-0.9	97	0.00
73	Bromobenzene	20.000	19.769	1.2	94	0.00
74	n-propylbenzene	20.000	20.899	-4.5	100	0.00
75	2-Chlorotoluene	20.000	21.026	-5.1	101	0.00
76	1,3,5-Trimethylbenzene	20.000	21.178	-5.9	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.818	10.9	82	0.00
78	4-Chlorotoluene	20.000	20.976	-4.9	99	0.00
79	tert-butylbenzene	20.000	20.560	-2.8	95	0.00
80	1,2,4-Trimethylbenzene	20.000	21.297	-6.5	97	0.00
81	sec-Butylbenzene	20.000	20.581	-2.9	96	0.00
82	p-Isopropyltoluene	20.000	20.277	-1.4	95	0.00
83 M	1,3-Dichlorobenzene	20.000	19.922	0.4	94	0.00
84 M	1,4-Dichlorobenzene	20.000	19.958	0.2	95	0.00
85	n-Butylbenzene	20.000	19.945	0.3	95	0.00
86 T	Hexachloroethane	20.000	19.572	2.1	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.509	2.5	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.514	2.4	96	0.00
89	1,2,4-Trichlorobenzene	20.000	16.652	16.7	88	0.00
90	Hexachlorobutadiene	20.000	18.887	5.6	93	0.00
91 M	Naphthalene	20.000	16.198	19.0	89	0.00
92	1,2,3-Trichlorobenzene	20.000	16.498	17.5	92	0.00

(#) = Out of Range

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