

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077417.D
 Acq On : 21 Apr 2023 09:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 22 02:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	19.078	4.6	103	0.00
3 M	Chloromethane	20.000	13.585	32.1#	73	0.00
4 M	Vinyl Chloride	20.000	13.318	33.4#	72	0.00
5 M	Bromomethane	20.000	14.676	26.6#	87	0.01
6 M	Chloroethane	20.000	14.971	25.1#	79	0.00
7 M	Trichlorofluoromethane	20.000	19.842	0.8	109	0.00
8 T	Diethyl Ether	20.000	17.854	10.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.442	-2.2	109	0.00
10 M	1,1-Dichloroethene	20.000	18.107	9.5	100	0.00
11	Methyl Iodide	20.000	20.427	-2.1	106	0.00
12	Methyl Acetate	20.000	15.824	20.9	85	0.00
13 M	Acrolein	100.000	85.630	14.4	88	0.00
14 M	Acrylonitrile	100.000	78.429	21.6	85	0.00
15 M	Acetone	100.000	72.079	27.9#	67	0.00
16 M	Carbon Disulfide	20.000	16.307	18.5	90	0.00
17	Allyl chloride	20.000	15.922	20.4	82	0.00
18 M	Methylene Chloride	20.000	17.756	11.2	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.706	6.5	103	0.00
20 T	Diisopropyl ether	20.000	16.498	17.5	90	0.00
21 M	1,1-Dichloroethane	20.000	17.724	11.4	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.658	6.7	104	0.00
23 M	tert-Butyl Alcohol	100.000	69.708	30.3#	71	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.801	11.0	96	0.00
25 M	Chloroform	20.000	18.857	5.7	103	0.00
26	Cyclohexane	20.000	16.607	17.0	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.893	0.4	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	18.700	6.5	102	0.00
30 M	2-Butanone	100.000	70.404	29.6#	72	0.00
31	2,2-Dichloropropane	20.000	18.163	9.2	100	0.00
32 M	1,1,1-Trichloroethane	20.000	18.867	5.7	102	0.00
33 M	Carbon Tetrachloride	20.000	19.698	1.5	106	0.00
34 M	Benzene	20.000	18.206	9.0	99	0.00
35	Methacrylonitrile	20.000	16.145	19.3	89	0.00
36 M	1,2-Dichloroethane	20.000	18.988	5.1	102	0.00
37 M	Trichloroethene	20.000	19.142	4.3	107	0.00
38	Methylcyclohexane	20.000	18.092	9.5	100	0.00
39 M	1,2-Dichloropropane	20.000	17.306	13.5	94	0.00
40	Dibromomethane	20.000	18.658	6.7	102	0.00
41 M	Bromodichloromethane	20.000	18.474	7.6	100	0.00
42 M	Vinyl Acetate	100.000	87.684	12.3	96	0.00
43	Ethyl Acetate	20.000	15.604	22.0	85	0.00
44	Isopropyl Acetate	20.000	15.581	22.1	83	0.00
45 T	1,4-Dioxane	400.000	314.786	21.3	84	0.00
46	Methyl methacrylate	20.000	15.835	20.8	87	0.00
47	n-amyl Acetate	20.000	15.163	24.2	83	0.00
48 M	t-1,3-Dichloropropene	20.000	17.531	12.3	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.940	10.3	98	0.00
50 M	1,1,2-Trichloroethane	20.000	18.695	6.5	104	0.00
51	Ethyl methacrylate	20.000	17.037	14.8	93	0.00
52	1,3-Dichloropropane	20.000	18.110	9.5	100	0.00
53 M	Dibromochloromethane	20.000	18.713	6.4	103	0.00
54 M	1,2-Dibromoethane	20.000	18.419	7.9	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.723	1.3	107	0.00
56 M	Bromoform	20.000	17.717	11.4	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	74.126	25.9#	80	0.00
59 M	2-Hexanone	100.000	71.635	28.4#	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.107	3.0	103	0.00
61 M	Tetrachloroethene	20.000	18.452	7.7	106	0.00
62 M	Toluene	20.000	18.009	10.0	101	0.00
63 S	Toluene-d8	30.000	29.115	3.0	103	0.00
64 M	Chlorobenzene	20.000	18.432	7.8	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.090	9.6	99	0.00
66 M	Ethyl Benzene	20.000	18.029	9.9	101	0.00
67 M	m/p-Xylenes	40.000	36.240	9.4	103	0.00
68 M	o-Xylene	20.000	18.142	9.3	102	0.00
69 M	Styrene	20.000	18.000	10.0	102	0.00
70	Isopropylbenzene	20.000	18.514	7.4	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.263	13.7	97	0.00
72	1,2,3-Trichloropropane	20.000	18.331	8.3	96	0.00
73	Bromobenzene	20.000	18.652	6.7	104	0.00
74	n-propylbenzene	20.000	18.427	7.9	105	0.00
75	2-Chlorotoluene	20.000	18.502	7.5	103	0.00
76	1,3,5-Trimethylbenzene	20.000	17.559	12.2	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.923	25.4#	84	0.00
78	4-Chlorotoluene	20.000	18.564	7.2	106	0.00
79	tert-butylbenzene	20.000	18.639	6.8	103	0.00
80	1,2,4-Trimethylbenzene	20.000	16.949	15.3	93	0.00
81	sec-Butylbenzene	20.000	18.457	7.7	102	0.00
82	p-Isopropyltoluene	20.000	17.849	10.8	99	0.00
83 M	1,3-Dichlorobenzene	20.000	18.236	8.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	18.403	8.0	106	0.00
85	n-Butylbenzene	20.000	17.237	13.8	100	0.00
86 T	Hexachloroethane	20.000	17.148	14.3	97	0.00
87 M	1,2-Dichlorobenzene	20.000	18.791	6.0	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.619	16.9	97	0.00
89	1,2,4-Trichlorobenzene	20.000	12.874	35.6#	82	0.00
90	Hexachlorobutadiene	20.000	19.762	1.2	114	0.00
91 M	Naphthalene	20.000	11.474	42.6#	71	0.00
92	1,2,3-Trichlorobenzene	20.000	12.085	39.6#	74	0.00

(#) = Out of Range

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