

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074640.D
 Acq On : 27 Sep 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 28 08:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 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	72	0.00
2 M	Dichlorodifluoromethane	20.000	19.563	2.2	69	0.00
3 M	Chloromethane	20.000	24.644	-23.2	87	0.00
4 M	Vinyl Chloride	20.000	25.636	-28.2#	90	0.00
5 M	Bromomethane	20.000	28.237	-41.2#	90	0.00
6 M	Chloroethane	20.000	25.689	-28.4#	91	0.00
7 M	Trichlorofluoromethane	20.000	20.706	-3.5	73	0.00
8 T	Diethyl Ether	20.000	21.975	-9.9	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.957	5.2	69	0.00
10 M	1,1-Dichloroethene	20.000	19.915	0.4	70	0.00
11	Methyl Iodide	20.000	20.459	-2.3	73	0.00
12	Methyl Acetate	20.000	22.514	-12.6	80	0.00
13 M	Acrolein	100.000	99.114	0.9	75	0.00
14 M	Acrylonitrile	100.000	110.355	-10.4	78	0.00
15 M	Acetone	100.000	105.472	-5.5	75	0.00
16 M	Carbon Disulfide	20.000	19.417	2.9	70	0.00
17	Allyl chloride	20.000	21.608	-8.0	76	0.00
18 M	Methylene Chloride	20.000	21.859	-9.3	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.009	-0.0	73	0.00
20 T	Diisopropyl ether	20.000	21.748	-8.7	79	0.00
21 M	1,1-Dichloroethane	20.000	21.428	-7.1	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.980	0.1	72	0.00
23 M	tert-Butyl Alcohol	100.000	112.242	-12.2	78	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.246	-6.2	77	0.00
25 M	Chloroform	20.000	20.818	-4.1	75	0.00
26	Cyclohexane	20.000	19.226	3.9	67	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.259	-0.9	72	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	66	0.00
29	1,1-Dichloropropene	20.000	20.269	-1.3	71	0.00
30 M	2-Butanone	100.000	118.884	-18.9	79	0.00
31	2,2-Dichloropropane	20.000	16.764	16.2	56	0.00
32 M	1,1,1-Trichloroethane	20.000	20.613	-3.1	70	0.00
33 M	Carbon Tetrachloride	20.000	19.890	0.5	68	0.00
34 M	Benzene	20.000	21.272	-6.4	72	0.00
35	Methacrylonitrile	20.000	25.488	-27.4#	87	0.00
36 M	1,2-Dichloroethane	20.000	22.317	-11.6	78	0.00
37 M	Trichloroethene	20.000	19.962	0.2	67	0.00
38	Methylcyclohexane	20.000	18.061	9.7	62	0.00
39 M	1,2-Dichloropropane	20.000	22.396	-12.0	74	0.00
40	Dibromomethane	20.000	22.368	-11.8	76	0.00
41 M	Bromodichloromethane	20.000	21.514	-7.6	74	0.00
42 M	Vinyl Acetate	100.000	115.862	-15.9	78	0.00
43	Ethyl Acetate	20.000	22.718	-13.6	75	0.00
44	Isopropyl Acetate	20.000	23.966	-19.8	80	0.00
45 T	1,4-Dioxane	400.000	467.177	-16.8	73	0.00
46	Methyl methacrylate	20.000	23.684	-18.4	80	0.00
47	n-amyl Acetate	20.000	21.023	-5.1	75	0.00
48 M	t-1,3-Dichloropropene	20.000	19.469	2.7	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.212	-1.1	70	0.00
50 M	1,1,2-Trichloroethane	20.000	21.820	-9.1	72	0.00
51	Ethyl methacrylate	20.000	20.303	-1.5	72	0.00
52	1,3-Dichloropropane	20.000	21.927	-9.6	75	0.00
53 M	Dibromochloromethane	20.000	19.812	0.9	70	0.00
54 M	1,2-Dibromoethane	20.000	20.463	-2.3	71	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.504	-6.5	75	0.00
56 M	Bromoform	20.000	17.749	11.3	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	65	0.00
58 M	4-Methyl-2-Pentanone	100.000	124.140	-24.1	79	0.00
59 M	2-Hexanone	100.000	121.577	-21.6	78	0.00
60 S	4-Bromofluorobenzene	30.000	27.567	8.1	66	0.00
61 M	Tetrachloroethene	20.000	19.798	1.0	68	0.00
62 M	Toluene	20.000	20.299	-1.5	69	0.00
63 S	Toluene-d8	30.000	31.192	-4.0	68	0.00
64 M	Chlorobenzene	20.000	20.047	-0.2	66	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.542	-2.7	68	0.00
66 M	Ethyl Benzene	20.000	20.217	-1.1	67	0.00
67 M	m/p-Xylenes	40.000	37.729	5.7	67	0.00
68 M	o-Xylene	20.000	19.219	3.9	69	0.00
69 M	Styrene	20.000	18.224	8.9	68	0.00
70	Isopropylbenzene	20.000	18.180	9.1	66	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.329	-11.6	73	0.00
72	1,2,3-Trichloropropane	20.000	21.347	-6.7	75	0.00
73	Bromobenzene	20.000	19.095	4.5	66	0.00
74	n-propylbenzene	20.000	18.243	8.8	65	0.00
75	2-Chlorotoluene	20.000	18.298	8.5	65	0.00
76	1,3,5-Trimethylbenzene	20.000	17.440	12.8	65	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.906	5.5	67	0.00
78	4-Chlorotoluene	20.000	16.911	15.4	64	0.00
79	tert-butylbenzene	20.000	17.313	13.4	65	0.00
80	1,2,4-Trimethylbenzene	20.000	18.082	9.6	69	0.00
81	sec-Butylbenzene	20.000	16.817	15.9	62	0.00
82	p-Isopropyltoluene	20.000	16.194	19.0	62	0.00
83 M	1,3-Dichlorobenzene	20.000	16.793	16.0	66	0.00
84 M	1,4-Dichlorobenzene	20.000	16.164	19.2	64	0.00
85	n-Butylbenzene	20.000	16.009	20.0	63	0.00
86 T	Hexachloroethane	20.000	19.365	3.2	65	0.00
87 M	1,2-Dichlorobenzene	20.000	17.411	12.9	68	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.765	-13.8	78	0.00
89	1,2,4-Trichlorobenzene	20.000	18.078	9.6	65	0.00
90	Hexachlorobutadiene	20.000	17.634	11.8	61	0.00
91 M	Naphthalene	20.000	19.500	2.5	70	0.00
92	1,2,3-Trichlorobenzene	20.000	18.918	5.4	67	0.00

(#) = Out of Range

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