

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080253.D
 Acq On : 24 Nov 2023 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 03:55:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	50	0.00
2 M	Dichlorodifluoromethane	20.000	24.262	-21.3	57	0.00
3 M	Chloromethane	20.000	13.086	34.6#	32	0.00
4 M	Vinyl Chloride	20.000	18.191	9.0	46	0.00
5 M	Bromomethane	20.000	21.629	-8.1	55	0.00
6 M	Chloroethane	20.000	19.992	0.0	54	0.00
7 M	Trichlorofluoromethane	20.000	26.378	-31.9#	68	0.00
8 T	Diethyl Ether	20.000	19.236	3.8	47	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.823	-4.1	53	0.00
10 M	1,1-Dichloroethene	20.000	22.881	-14.4	53	0.00
11	Methyl Iodide	20.000	20.849	-4.2	50	0.00
12	Methyl Acetate	20.000	13.757	31.2#	33	-0.01
13 M	Acrolein	100.000	78.164	21.8	43	0.00
14 M	Acrylonitrile	100.000	78.625	21.4	38	-0.01
15 M	Acetone	100.000	85.496	14.5	41	0.00
16 M	Carbon Disulfide	20.000	18.036	9.8	41	0.00
17	Allyl chloride	20.000	14.390	28.0#	36	0.00
18 M	Methylene Chloride	20.000	19.071	4.6	48	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.439	2.8	47	-0.01
20 T	Diisopropyl ether	20.000	14.828	25.9#	35	0.00
21 M	1,1-Dichloroethane	20.000	18.463	7.7	44	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.308	3.5	47	0.00
23 M	tert-Butyl Alcohol	100.000	94.340	5.7	45	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.091	-5.5	50	0.00
25 M	Chloroform	20.000	21.323	-6.6	51	0.00
26	Cyclohexane	20.000	16.678	16.6	41	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.556	-8.5	54	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	48	0.00
29	1,1-Dichloropropene	20.000	20.491	-2.5	48	0.00
30 M	2-Butanone	100.000	73.218	26.8#	34	0.00
31	2,2-Dichloropropane	20.000	23.573	-17.9	55	0.00
32 M	1,1,1-Trichloroethane	20.000	25.904	-29.5#	61	0.00
33 M	Carbon Tetrachloride	20.000	27.259	-36.3#	64	0.00
34 M	Benzene	20.000	19.548	2.3	46	0.00
35	Methacrylonitrile	20.000	14.352	28.2#	34	0.00
36 M	1,2-Dichloroethane	20.000	23.006	-15.0	54	0.00
37 M	Trichloroethene	20.000	21.567	-7.8	51	0.00
38	Methylcyclohexane	20.000	19.677	1.6	47	0.00
39 M	1,2-Dichloropropane	20.000	17.206	14.0	40	0.00
40	Dibromomethane	20.000	21.042	-5.2	50	0.00
41 M	Bromodichloromethane	20.000	22.602	-13.0	54	0.00
42 M	Vinyl Acetate	100.000	90.430	9.6	43	0.00
43	Ethyl Acetate	20.000	14.982	25.1#	33	0.00
44	Isopropyl Acetate	20.000	15.329	23.4	36	0.00
45 T	1,4-Dioxane	400.000	377.340	5.7	44	-0.01
46	Methyl methacrylate	20.000	15.435	22.8	36	0.00
47	n-amyl Acetate	20.000	14.850	25.8#	35	0.00
48 M	t-1,3-Dichloropropene	20.000	21.163	-5.8	50	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.671	1.6	46	0.00
50 M	1,1,2-Trichloroethane	20.000	20.829	-4.1	49	0.00
51	Ethyl methacrylate	20.000	18.767	6.2	44	0.00
52	1,3-Dichloropropane	20.000	19.268	3.7	45	0.00
53 M	Dibromochloromethane	20.000	23.713	-18.6	56	0.00
54 M	1,2-Dibromoethane	20.000	20.289	-1.4	48	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.755	20.2	37	0.00
56 M	Bromoform	20.000	25.048	-25.2#	59	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	48	0.00
58 M	4-Methyl-2-Pentanone	100.000	74.961	25.0#	35	0.00
59 M	2-Hexanone	100.000	75.445	24.6	35	0.00
60 S	4-Bromofluorobenzene	30.000	32.924	-9.7	53	0.00
61 M	Tetrachloroethene	20.000	25.384	-26.9#	61	0.00
62 M	Toluene	20.000	20.584	-2.9	49	0.00
63 S	Toluene-d8	30.000	30.830	-2.8	48	0.00
64 M	Chlorobenzene	20.000	20.597	-3.0	49	0.00
65	1,1,1,2-Tetrachloroethane	20.000	24.171	-20.9	57	0.00
66 M	Ethyl Benzene	20.000	21.001	-5.0	50	0.00
67 M	m/p-Xylenes	40.000	43.864	-9.7	50	0.00
68 M	o-Xylene	20.000	21.524	-7.6	51	0.00
69 M	Styrene	20.000	21.764	-8.8	51	0.00
70	Isopropylbenzene	20.000	22.520	-12.6	53	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.512	12.4	41	0.00
72	1,2,3-Trichloropropane	20.000	19.570	2.1	48	0.00
73	Bromobenzene	20.000	22.406	-12.0	54	0.00
74	n-propylbenzene	20.000	21.407	-7.0	51	0.00
75	2-Chlorotoluene	20.000	22.237	-11.2	53	0.00
76	1,3,5-Trimethylbenzene	20.000	24.236	-21.2	57	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.638	6.8	46	0.00
78	4-Chlorotoluene	20.000	22.495	-12.5	54	0.00
79	tert-butylbenzene	20.000	23.996	-20.0	57	0.00
80	1,2,4-Trimethylbenzene	20.000	24.497	-22.5	58	0.00
81	sec-Butylbenzene	20.000	22.920	-14.6	54	0.00
82	p-Isopropyltoluene	20.000	24.285	-21.4	57	0.00
83 M	1,3-Dichlorobenzene	20.000	22.482	-12.4	53	0.00
84 M	1,4-Dichlorobenzene	20.000	22.810	-14.0	55	0.00
85	n-Butylbenzene	20.000	22.351	-11.8	54	0.00
86 T	Hexachloroethane	20.000	22.981	-14.9	56	0.00
87 M	1,2-Dichlorobenzene	20.000	23.031	-15.2	54	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.215	-6.1	50	0.00
89	1,2,4-Trichlorobenzene	20.000	22.853	-14.3	54	0.00
90	Hexachlorobutadiene	20.000	29.505	-47.5#	71	0.00
91 M	Naphthalene	20.000	19.068	4.7	45	0.00
92	1,2,3-Trichlorobenzene	20.000	22.853	-14.3	54	0.00

(#) = Out of Range

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