

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079206.D
 Acq On : 08 Sep 2023 18:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 08 23:19:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 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	60	0.00
2 M	Dichlorodifluoromethane	20.000	18.959	5.2	61	0.00
3 M	Chloromethane	20.000	22.236	-11.2	71	0.00
4 M	Vinyl Chloride	20.000	26.442	-32.2#	85	0.00
5 M	Bromomethane	20.000	12.200	39.0#	41	0.00
6 M	Chloroethane	20.000	29.785	-48.9#	97	0.00
7 M	Trichlorofluoromethane	20.000	31.469	-57.3#	102	0.00
8 T	Diethyl Ether	20.000	28.988	-44.9#	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	30.010	-50.1#	94	0.01
10 M	1,1-Dichloroethene	20.000	29.127	-45.6#	88	0.01
11	Methyl Iodide	20.000	9.151	54.2#	29	0.00
12	Methyl Acetate	20.000	29.356	-46.8#	95	0.00
13 M	Acrolein	100.000	99.296	0.7	59	0.00
14 M	Acrylonitrile	100.000	131.436	-31.4#	84	0.00
15 M	Acetone	100.000	136.639	-36.6#	84	0.00
16 M	Carbon Disulfide	20.000	27.886	-39.4#	88	0.01
17	Allyl chloride	20.000	25.499	-27.5#	76	0.01
18 M	Methylene Chloride	20.000	28.521	-42.6#	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	27.527	-37.6#	85	0.00
20 T	Diisopropyl ether	20.000	22.177	-10.9	57	0.00
21 M	1,1-Dichloroethane	20.000	23.507	-17.5	63	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.907	-4.5	62	0.00
23 M	tert-Butyl Alcohol	100.000	121.730	-21.7	79	0.01
24 M	Methyl tert-Butyl Ether	20.000	26.320	-31.6#	81	0.00
25 M	Chloroform	20.000	20.782	-3.9	65	0.00
26	Cyclohexane	20.000	18.238	8.8	57	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.019	-3.4	65	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	59	0.00
29	1,1-Dichloropropene	20.000	19.123	4.4	60	0.00
30 M	2-Butanone	100.000	93.859	6.1	55	0.00
31	2,2-Dichloropropane	20.000	18.843	5.8	55	0.00
32 M	1,1,1-Trichloroethane	20.000	21.048	-5.2	66	0.00
33 M	Carbon Tetrachloride	20.000	21.178	-5.9	67	0.00
34 M	Benzene	20.000	18.994	5.0	60	0.00
35	Methacrylonitrile	20.000	18.552	7.2	56	0.00
36 M	1,2-Dichloroethane	20.000	21.060	-5.3	69	0.00
37 M	Trichloroethene	20.000	20.070	-0.4	66	0.00
38	Methylcyclohexane	20.000	18.035	9.8	57	0.00
39 M	1,2-Dichloropropane	20.000	19.361	3.2	61	0.00
40	Dibromomethane	20.000	20.337	-1.7	65	0.00
41 M	Bromodichloromethane	20.000	21.154	-5.8	67	0.00
42 M	Vinyl Acetate	100.000	107.510	-7.5	57	0.00
43	Ethyl Acetate	20.000	20.755	-3.8	58	0.00
44	Isopropyl Acetate	20.000	18.550	7.2	59	0.00
45 T	1,4-Dioxane	400.000	360.570	9.9	59	0.00
46	Methyl methacrylate	20.000	16.392	18.0	51	0.00
47	n-amyl Acetate	20.000	18.360	8.2	60	0.00
48 M	t-1,3-Dichloropropene	20.000	18.440	7.8	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.806	1.0	64	0.00
50 M	1,1,2-Trichloroethane	20.000	20.498	-2.5	64	0.00
51	Ethyl methacrylate	20.000	18.770	6.2	58	0.00
52	1,3-Dichloropropane	20.000	19.873	0.6	60	0.00
53 M	Dibromochloromethane	20.000	20.670	-3.4	65	0.00
54 M	1,2-Dibromoethane	20.000	18.859	5.7	59	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.212	-0.2	64	0.00
56 M	Bromoform	20.000	20.352	-1.8	67	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	57	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.126	-3.1	61	0.00
59 M	2-Hexanone	100.000	102.698	-2.7	58	0.00
60 S	4-Bromofluorobenzene	30.000	29.476	1.7	54	0.00
61 M	Tetrachloroethene	20.000	21.929	-9.6	63	0.00
62 M	Toluene	20.000	21.394	-7.0	64	0.00
63 S	Toluene-d8	30.000	32.878	-9.6	63	0.00
64 M	Chlorobenzene	20.000	19.842	0.8	60	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.014	-0.1	60	0.00
66 M	Ethyl Benzene	20.000	19.680	1.6	57	0.00
67 M	m/p-Xylenes	40.000	39.934	0.2	58	0.00
68 M	o-Xylene	20.000	20.745	-3.7	66	0.00
69 M	Styrene	20.000	20.832	-4.2	64	0.00
70	Isopropylbenzene	20.000	20.215	-1.1	59	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.630	1.9	59	0.00
72	1,2,3-Trichloropropane	20.000	19.730	1.3	62	0.00
73	Bromobenzene	20.000	21.008	-5.0	62	0.00
74	n-propylbenzene	20.000	19.999	0.0	57	0.00
75	2-Chlorotoluene	20.000	19.865	0.7	58	0.00
76	1,3,5-Trimethylbenzene	20.000	20.906	-4.5	59	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.845	20.8	46	0.00
78	4-Chlorotoluene	20.000	19.862	0.7	58	0.00
79	tert-butylbenzene	20.000	21.268	-6.3	59	0.00
80	1,2,4-Trimethylbenzene	20.000	21.266	-6.3	60	0.00
81	sec-Butylbenzene	20.000	21.161	-5.8	60	0.00
82	p-Isopropyltoluene	20.000	21.132	-5.7	59	0.00
83 M	1,3-Dichlorobenzene	20.000	21.468	-7.3	61	0.00
84 M	1,4-Dichlorobenzene	20.000	21.466	-7.3	60	0.00
85	n-Butylbenzene	20.000	19.984	0.1	56	0.00
86 T	Hexachloroethane	20.000	21.024	-5.1	59	0.00
87 M	1,2-Dichlorobenzene	20.000	21.570	-7.9	60	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.692	-3.5	58	0.00
89	1,2,4-Trichlorobenzene	20.000	19.514	2.4	58	0.00
90	Hexachlorobutadiene	20.000	21.315	-6.6	66	0.00
91 M	Naphthalene	20.000	16.184	19.1	48	0.00
92	1,2,3-Trichlorobenzene	20.000	19.514	2.4	58	0.00

(#) = Out of Range

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