

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078755.D
 Acq On : 03 Aug 2023 16:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 06:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	16.829	15.9	83	0.00
3 M	Chloromethane	20.000	26.349	-31.7#	115	0.00
4 M	Vinyl Chloride	20.000	18.614	6.9	87	0.00
5 M	Bromomethane	20.000	14.582	27.1#	70	0.00
6 M	Chloroethane	20.000	15.786	21.1	78	0.00
7 M	Trichlorofluoromethane	20.000	28.355	-41.8#	134	0.00
8 T	Diethyl Ether	20.000	31.753	-58.8#	153	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.102	4.5	94	0.00
10 M	1,1-Dichloroethene	20.000	19.637	1.8	92	0.00
11	Methyl Iodide	20.000	18.869	5.7	92	0.00
12	Methyl Acetate	20.000	19.248	3.8	93	0.00
13 M	Acrolein	100.000	124.171	-24.2	120	0.00
14 M	Acrylonitrile	100.000	97.504	2.5	95	0.00
15 M	Acetone	100.000	86.502	13.5	86	0.00
16 M	Carbon Disulfide	20.000	17.537	12.3	82	0.00
17	Allyl chloride	20.000	18.194	9.0	81	0.00
18 M	Methylene Chloride	20.000	19.870	0.6	95	0.01
19 M	trans-1,2-Dichloroethene	20.000	18.487	7.6	90	0.00
20 T	Diisopropyl ether	20.000	19.775	1.1	93	0.00
21 M	1,1-Dichloroethane	20.000	19.232	3.8	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.667	6.7	86	0.00
23 M	tert-Butyl Alcohol	100.000	102.050	-2.0	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.175	4.1	91	0.01
25 M	Chloroform	20.000	20.505	-2.5	98	0.00
26	Cyclohexane	20.000	19.383	3.1	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.090	-3.6	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	17.818	10.9	92	0.00
30 M	2-Butanone	100.000	87.902	12.1	89	0.00
31	2,2-Dichloropropane	20.000	15.135	24.3	76	0.00
32 M	1,1,1-Trichloroethane	20.000	17.616	11.9	89	0.00
33 M	Carbon Tetrachloride	20.000	18.357	8.2	94	0.00
34 M	Benzene	20.000	17.928	10.4	92	0.00
35	Methacrylonitrile	20.000	17.596	12.0	91	0.00
36 M	1,2-Dichloroethane	20.000	18.640	6.8	93	0.00
37 M	Trichloroethene	20.000	19.016	4.9	101	0.00
38	Methylcyclohexane	20.000	20.243	-1.2	109	0.00
39 M	1,2-Dichloropropane	20.000	21.335	-6.7	116	0.00
40	Dibromomethane	20.000	21.907	-9.5	114	0.00
41 M	Bromodichloromethane	20.000	22.352	-11.8	114	0.00
42 M	Vinyl Acetate	100.000	84.589	15.4	86	0.00
43	Ethyl Acetate	20.000	17.943	10.3	81	0.00
44	Isopropyl Acetate	20.000	17.813	10.9	89	0.00
45 T	1,4-Dioxane	400.000	404.367	-1.1	111	0.00
46	Methyl methacrylate	20.000	22.904	-14.5	122	0.00
47	n-amyl Acetate	20.000	17.165	14.2	90	0.00
48 M	t-1,3-Dichloropropene	20.000	17.001	15.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.945	-4.7	109	0.00
50 M	1,1,2-Trichloroethane	20.000	17.287	13.6	83	0.00
51	Ethyl methacrylate	20.000	16.945	15.3	84	0.00
52	1,3-Dichloropropane	20.000	15.804	21.0	85	0.00
53 M	Dibromochloromethane	20.000	17.079	14.6	83	0.00
54 M	1,2-Dibromoethane	20.000	17.261	13.7	83	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.247	-7.2	105	0.00
56 M	Bromoform	20.000	16.869	15.7	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	118.392	-18.4	113	0.00
59 M	2-Hexanone	100.000	91.057	8.9	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.295	2.3	93	0.00
61 M	Tetrachloroethene	20.000	18.980	5.1	91	0.00
62 M	Toluene	20.000	19.538	2.3	92	0.00
63 S	Toluene-d8	30.000	33.439	-11.5	103	0.00
64 M	Chlorobenzene	20.000	19.588	2.1	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.818	0.9	90	0.00
66 M	Ethyl Benzene	20.000	19.354	3.2	89	0.00
67 M	m/p-Xylenes	40.000	38.671	3.3	90	0.00
68 M	o-Xylene	20.000	18.829	5.9	91	0.00
69 M	Styrene	20.000	18.353	8.2	92	0.00
70	Isopropylbenzene	20.000	18.534	7.3	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.723	6.4	90	0.00
72	1,2,3-Trichloropropane	20.000	18.597	7.0	93	0.00
73	Bromobenzene	20.000	18.326	8.4	88	0.00
74	n-propylbenzene	20.000	18.354	8.2	90	0.00
75	2-Chlorotoluene	20.000	17.310	13.5	92	0.00
76	1,3,5-Trimethylbenzene	20.000	17.043	14.8	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.411	12.9	85	0.00
78	4-Chlorotoluene	20.000	16.965	15.2	87	0.00
79	tert-butylbenzene	20.000	15.933	20.3	84	0.00
80	1,2,4-Trimethylbenzene	20.000	17.373	13.1	89	0.00
81	sec-Butylbenzene	20.000	16.306	18.5	88	0.00
82	p-Isopropyltoluene	20.000	16.567	17.2	85	0.00
83 M	1,3-Dichlorobenzene	20.000	16.553	17.2	83	0.00
84 M	1,4-Dichlorobenzene	20.000	16.964	15.2	86	0.00
85	n-Butylbenzene	20.000	16.488	17.6	83	0.00
86 T	Hexachloroethane	20.000	17.793	11.0	89	0.00
87 M	1,2-Dichlorobenzene	20.000	17.659	11.7	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.507	12.5	91	0.00
89	1,2,4-Trichlorobenzene	20.000	15.966	20.2	78	0.00
90	Hexachlorobutadiene	20.000	18.210	8.9	85	0.00
91 M	Naphthalene	20.000	14.948	25.3#	72	0.00
92	1,2,3-Trichlorobenzene	20.000	17.268	13.7	82	0.00

(#) = Out of Range

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