

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079672.D
 Acq On : 25 Oct 2023 10:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 01:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 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	121	0.00
2 M	Dichlorodifluoromethane	20.000	15.930	20.4	93	0.00
3 M	Chloromethane	20.000	15.623	21.9	92	0.00
4 M	Vinyl Chloride	20.000	16.066	19.7	95	0.00
5 M	Bromomethane	20.000	15.456	22.7	92	0.00
6 M	Chloroethane	20.000	17.372	13.1	103	0.00
7 M	Trichlorofluoromethane	20.000	21.094	-5.5	125	0.00
8 T	Diethyl Ether	20.000	18.964	5.2	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.637	-3.2	124	0.00
10 M	1,1-Dichloroethene	20.000	19.306	3.5	114	0.00
11	Methyl Iodide	20.000	19.795	1.0	119	0.00
12	Methyl Acetate	20.000	19.412	2.9	115	0.00
13 M	Acrolein	100.000	90.350	9.7	107	0.00
14 M	Acrylonitrile	100.000	99.847	0.2	118	0.00
15 M	Acetone	100.000	102.358	-2.4	119	0.00
16 M	Carbon Disulfide	20.000	18.557	7.2	111	0.00
17	Allyl chloride	20.000	19.676	1.6	112	0.00
18 M	Methylene Chloride	20.000	20.651	-3.3	121	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.836	0.8	120	0.00
20 T	Diisopropyl ether	20.000	20.845	-4.2	119	0.00
21 M	1,1-Dichloroethane	20.000	21.243	-6.2	124	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.133	-0.7	119	0.00
23 M	tert-Butyl Alcohol	100.000	82.808	17.2	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.919	0.4	116	0.00
25 M	Chloroform	20.000	21.795	-9.0	128	0.00
26	Cyclohexane	20.000	19.282	3.6	112	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.641	-8.8	127	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	20.994	-5.0	120	0.00
30 M	2-Butanone	100.000	99.115	0.9	112	0.00
31	2,2-Dichloropropane	20.000	21.049	-5.2	121	0.00
32 M	1,1,1-Trichloroethane	20.000	22.141	-10.7	126	0.00
33 M	Carbon Tetrachloride	20.000	22.289	-11.4	126	0.00
34 M	Benzene	20.000	21.424	-7.1	123	0.00
35	Methacrylonitrile	20.000	20.500	-2.5	115	0.00
36 M	1,2-Dichloroethane	20.000	23.101	-15.5	132	0.00
37 M	Trichloroethene	20.000	20.701	-3.5	122	0.00
38	Methylcyclohexane	20.000	18.415	7.9	106	0.00
39 M	1,2-Dichloropropane	20.000	21.116	-5.6	121	0.00
40	Dibromomethane	20.000	22.030	-10.2	127	0.00
41 M	Bromodichloromethane	20.000	22.212	-11.1	128	0.00
42 M	Vinyl Acetate	100.000	99.691	0.3	112	0.00
43	Ethyl Acetate	20.000	22.351	-11.8	129	0.00
44	Isopropyl Acetate	20.000	18.689	6.6	111	0.00
45 T	1,4-Dioxane	400.000	404.598	-1.1	112	0.00
46	Methyl methacrylate	20.000	20.501	-2.5	115	0.00
47	n-amyl Acetate	20.000	19.023	4.9	106	0.00
48 M	t-1,3-Dichloropropene	20.000	20.459	-2.3	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.070	-5.4	120	0.00
50 M	1,1,2-Trichloroethane	20.000	22.308	-11.5	129	0.00
51	Ethyl methacrylate	20.000	19.897	0.5	110	0.00
52	1,3-Dichloropropane	20.000	21.657	-8.3	125	0.00
53 M	Dibromochloromethane	20.000	22.058	-10.3	124	0.00
54 M	1,2-Dibromoethane	20.000	20.699	-3.5	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.467	6.5	112	0.00
56 M	Bromoform	20.000	21.617	-8.1	123	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.406	-2.4	114	0.00
59 M	2-Hexanone	100.000	100.097	-0.1	112	0.00
60 S	4-Bromofluorobenzene	30.000	32.807	-9.4	121	0.00
61 M	Tetrachloroethene	20.000	21.926	-9.6	123	0.00
62 M	Toluene	20.000	21.055	-5.3	120	0.00
63 S	Toluene-d8	30.000	31.360	-4.5	117	0.00
64 M	Chlorobenzene	20.000	20.930	-4.6	121	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.487	-7.4	123	0.00
66 M	Ethyl Benzene	20.000	20.487	-2.4	116	0.00
67 M	m/p-Xylenes	40.000	43.047	-7.6	121	0.00
68 M	o-Xylene	20.000	21.068	-5.3	120	0.00
69 M	Styrene	20.000	21.497	-7.5	119	0.00
70	Isopropylbenzene	20.000	20.748	-3.7	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.230	-6.2	121	0.00
72	1,2,3-Trichloropropane	20.000	21.241	-6.2	122	0.00
73	Bromobenzene	20.000	20.972	-4.9	117	0.00
74	n-propylbenzene	20.000	21.143	-5.7	119	0.00
75	2-Chlorotoluene	20.000	21.943	-9.7	124	0.00
76	1,3,5-Trimethylbenzene	20.000	21.647	-8.2	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.917	0.4	110	0.00
78	4-Chlorotoluene	20.000	21.692	-8.5	121	0.00
79	tert-butylbenzene	20.000	20.993	-5.0	120	0.00
80	1,2,4-Trimethylbenzene	20.000	21.864	-9.3	122	0.00
81	sec-Butylbenzene	20.000	20.726	-3.6	118	0.00
82	p-Isopropyltoluene	20.000	20.913	-4.6	118	0.00
83 M	1,3-Dichlorobenzene	20.000	21.297	-6.5	119	0.00
84 M	1,4-Dichlorobenzene	20.000	20.948	-4.7	119	0.00
85	n-Butylbenzene	20.000	18.993	5.0	107	0.00
86 T	Hexachloroethane	20.000	20.717	-3.6	122	0.00
87 M	1,2-Dichlorobenzene	20.000	20.702	-3.5	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.169	4.2	103	0.00
89	1,2,4-Trichlorobenzene	20.000	15.785	21.1	87	0.00
90	Hexachlorobutadiene	20.000	20.678	-3.4	117	0.00
91 M	Naphthalene	20.000	11.889	40.6#	67	0.00
92	1,2,3-Trichlorobenzene	20.000	15.785	21.1	87	0.00

(#) = Out of Range

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