

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079593.D
 Acq On : 17 Oct 2023 19:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 18 02:35:04 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	18.760	6.2	88	0.00
3 M	Chloromethane	20.000	18.381	8.1	87	0.00
4 M	Vinyl Chloride	20.000	19.247	3.8	91	0.00
5 M	Bromomethane	20.000	16.281	18.6	78	0.00
6 M	Chloroethane	20.000	18.427	7.9	88	0.00
7 M	Trichlorofluoromethane	20.000	19.159	4.2	91	0.00
8 T	Diethyl Ether	20.000	17.983	10.1	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.907	5.5	91	0.00
10 M	1,1-Dichloroethene	20.000	18.064	9.7	85	0.00
11	Methyl Iodide	20.000	18.224	8.9	88	0.00
12	Methyl Acetate	20.000	17.787	11.1	85	0.00
13 M	Acrolein	100.000	89.017	11.0	85	0.01
14 M	Acrylonitrile	100.000	94.441	5.6	90	0.00
15 M	Acetone	100.000	78.187	21.8	73	0.00
16 M	Carbon Disulfide	20.000	17.932	10.3	86	0.00
17	Allyl chloride	20.000	19.189	4.1	87	0.00
18 M	Methylene Chloride	20.000	18.764	6.2	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.695	6.5	91	0.00
20 T	Diisopropyl ether	20.000	19.086	4.6	88	0.00
21 M	1,1-Dichloroethane	20.000	19.223	3.9	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.789	6.1	89	0.00
23 M	tert-Butyl Alcohol	100.000	79.817	20.2	76	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.090	9.6	85	0.00
25 M	Chloroform	20.000	19.531	2.3	92	0.00
26	Cyclohexane	20.000	18.627	6.9	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.514	5.0	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	21.456	-7.3	91	0.00
30 M	2-Butanone	100.000	94.816	5.2	79	0.00
31	2,2-Dichloropropane	20.000	18.614	6.9	80	0.00
32 M	1,1,1-Trichloroethane	20.000	20.756	-3.8	88	0.00
33 M	Carbon Tetrachloride	20.000	20.985	-4.9	88	0.00
34 M	Benzene	20.000	21.278	-6.4	91	0.00
35	Methacrylonitrile	20.000	17.967	10.2	75	0.00
36 M	1,2-Dichloroethane	20.000	21.406	-7.0	90	0.00
37 M	Trichloroethene	20.000	20.236	-1.2	88	0.00
38	Methylcyclohexane	20.000	20.179	-0.9	86	0.00
39 M	1,2-Dichloropropane	20.000	21.232	-6.2	90	0.00
40	Dibromomethane	20.000	21.516	-7.6	92	0.00
41 M	Bromodichloromethane	20.000	21.773	-8.9	93	0.00
42 M	Vinyl Acetate	100.000	98.906	1.1	83	0.00
43	Ethyl Acetate	20.000	21.826	-9.1	94	0.00
44	Isopropyl Acetate	20.000	19.585	2.1	86	0.00
45 T	1,4-Dioxane	400.000	410.187	-2.5	84	-0.01
46	Methyl methacrylate	20.000	20.353	-1.8	84	0.00
47	n-amyl Acetate	20.000	19.395	3.0	80	0.00
48 M	t-1,3-Dichloropropene	20.000	19.732	1.3	83	0.00

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49 T	cis-1,3-Dichloropropene	20.000	20.307	-1.5	86	0.00
50 M	1,1,2-Trichloroethane	20.000	21.532	-7.7	92	0.00
51	Ethyl methacrylate	20.000	18.818	5.9	78	0.00
52	1,3-Dichloropropane	20.000	20.869	-4.3	89	0.00
53 M	Dibromochloromethane	20.000	21.264	-6.3	89	0.00
54 M	1,2-Dibromoethane	20.000	20.512	-2.6	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.922	7.1	83	0.00
56 M	Bromoform	20.000	20.283	-1.4	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.868	-2.9	85	0.00
59 M	2-Hexanone	100.000	97.935	2.1	82	0.00
60 S	4-Bromofluorobenzene	30.000	30.647	-2.2	85	0.00
61 M	Tetrachloroethene	20.000	21.289	-6.4	89	0.00
62 M	Toluene	20.000	20.793	-4.0	89	0.00
63 S	Toluene-d8	30.000	31.259	-4.2	87	0.00
64 M	Chlorobenzene	20.000	20.317	-1.6	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.720	-3.6	88	0.00
66 M	Ethyl Benzene	20.000	20.193	-1.0	86	0.00
67 M	m/p-Xylenes	40.000	41.975	-4.9	88	0.00
68 M	o-Xylene	20.000	20.601	-3.0	88	0.00
69 M	Styrene	20.000	20.882	-4.4	86	0.00
70	Isopropylbenzene	20.000	20.733	-3.7	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.966	-4.8	89	0.00
72	1,2,3-Trichloropropane	20.000	20.466	-2.3	87	0.00
73	Bromobenzene	20.000	20.341	-1.7	85	0.00
74	n-propylbenzene	20.000	20.520	-2.6	86	0.00
75	2-Chlorotoluene	20.000	20.886	-4.4	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.986	-4.9	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.975	5.1	78	0.00
78	4-Chlorotoluene	20.000	20.718	-3.6	86	0.00
79	tert-butylbenzene	20.000	20.935	-4.7	89	0.00
80	1,2,4-Trimethylbenzene	20.000	21.145	-5.7	88	0.00
81	sec-Butylbenzene	20.000	20.980	-4.9	89	0.00
82	p-Isopropyltoluene	20.000	20.628	-3.1	87	0.00
83 M	1,3-Dichlorobenzene	20.000	20.605	-3.0	86	0.00
84 M	1,4-Dichlorobenzene	20.000	20.307	-1.5	86	0.00
85	n-Butylbenzene	20.000	19.273	3.6	81	0.00
86 T	Hexachloroethane	20.000	20.144	-0.7	88	0.00
87 M	1,2-Dichlorobenzene	20.000	20.873	-4.4	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.058	4.7	77	0.00
89	1,2,4-Trichlorobenzene	20.000	17.085	14.6	70	0.00
90	Hexachlorobutadiene	20.000	19.379	3.1	81	0.00
91 M	Naphthalene	20.000	13.362	33.2#	56	0.00
92	1,2,3-Trichlorobenzene	20.000	17.085	14.6	70	0.00

(#) = Out of Range

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