

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079995.D
 Acq On : 08 Nov 2023 16:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 09 04:25:25 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	18.321	8.4	83	0.00
3 M	Chloromethane	20.000	19.086	4.6	89	0.00
4 M	Vinyl Chloride	20.000	18.678	6.6	91	0.00
5 M	Bromomethane	20.000	15.854	20.7	78	0.00
6 M	Chloroethane	20.000	16.295	18.5	85	0.00
7 M	Trichlorofluoromethane	20.000	17.317	13.4	86	0.00
8 T	Diethyl Ether	20.000	17.647	11.8	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.461	7.7	90	0.00
10 M	1,1-Dichloroethene	20.000	19.408	3.0	86	0.00
11	Methyl Iodide	20.000	17.550	12.2	81	0.00
12	Methyl Acetate	20.000	17.847	10.8	83	0.00
13 M	Acrolein	100.000	88.995	11.0	93	0.00
14 M	Acrylonitrile	100.000	88.847	11.2	83	0.00
15 M	Acetone	100.000	81.910	18.1	75	0.00
16 M	Carbon Disulfide	20.000	17.024	14.9	75	0.00
17	Allyl chloride	20.000	17.265	13.7	83	0.00
18 M	Methylene Chloride	20.000	18.655	6.7	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.113	9.4	84	0.00
20 T	Diisopropyl ether	20.000	17.994	10.0	82	0.00
21 M	1,1-Dichloroethane	20.000	18.242	8.8	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.725	11.4	83	0.00
23 M	tert-Butyl Alcohol	100.000	93.127	6.9	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.574	12.1	81	0.00
25 M	Chloroform	20.000	18.220	8.9	84	0.00
26	Cyclohexane	20.000	17.465	12.7	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.433	-1.4	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.242	8.8	82	0.00
30 M	2-Butanone	100.000	88.732	11.3	80	0.00
31	2,2-Dichloropropane	20.000	18.500	7.5	83	0.00
32 M	1,1,1-Trichloroethane	20.000	18.966	5.2	86	0.00
33 M	Carbon Tetrachloride	20.000	18.808	6.0	85	0.00
34 M	Benzene	20.000	19.182	4.1	86	0.00
35	Methacrylonitrile	20.000	17.533	12.3	80	0.00
36 M	1,2-Dichloroethane	20.000	19.287	3.6	87	0.00
37 M	Trichloroethene	20.000	18.840	5.8	85	0.00
38	Methylcyclohexane	20.000	17.112	14.4	78	0.00
39 M	1,2-Dichloropropane	20.000	18.865	5.7	85	0.00
40	Dibromomethane	20.000	19.115	4.4	87	0.00
41 M	Bromodichloromethane	20.000	18.743	6.3	86	0.00
42 M	Vinyl Acetate	100.000	91.386	8.6	83	0.00
43	Ethyl Acetate	20.000	19.624	1.9	82	0.00
44	Isopropyl Acetate	20.000	18.368	8.2	84	0.00
45 T	1,4-Dioxane	400.000	404.850	-1.2	90	-0.01
46	Methyl methacrylate	20.000	18.565	7.2	83	0.00
47	n-amyl Acetate	20.000	17.980	10.1	81	0.00
48 M	t-1,3-Dichloropropene	20.000	18.075	9.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.415	7.9	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.311	3.4	87	0.00
51	Ethyl methacrylate	20.000	17.948	10.3	81	0.00
52	1,3-Dichloropropane	20.000	19.102	4.5	85	0.00
53 M	Dibromochloromethane	20.000	18.289	8.6	82	0.00
54 M	1,2-Dibromoethane	20.000	18.873	5.6	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.081	-5.1	93	0.00
56 M	Bromoform	20.000	18.895	5.5	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.683	5.3	84	0.00
59 M	2-Hexanone	100.000	91.225	8.8	80	0.00
60 S	4-Bromofluorobenzene	30.000	30.227	-0.8	93	0.00
61 M	Tetrachloroethene	20.000	19.746	1.3	90	0.00
62 M	Toluene	20.000	19.083	4.6	86	0.00
63 S	Toluene-d8	30.000	30.538	-1.8	91	0.00
64 M	Chlorobenzene	20.000	18.532	7.3	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.057	4.7	85	0.00
66 M	Ethyl Benzene	20.000	18.455	7.7	83	0.00
67 M	m/p-Xylenes	40.000	38.158	4.6	84	0.00
68 M	o-Xylene	20.000	18.558	7.2	84	0.00
69 M	Styrene	20.000	18.801	6.0	83	0.00
70	Isopropylbenzene	20.000	18.716	6.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.444	7.8	83	0.00
72	1,2,3-Trichloropropane	20.000	19.279	3.6	89	0.00
73	Bromobenzene	20.000	18.854	5.7	87	0.00
74	n-propylbenzene	20.000	18.761	6.2	85	0.00
75	2-Chlorotoluene	20.000	18.920	5.4	86	0.00
76	1,3,5-Trimethylbenzene	20.000	18.919	5.4	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.313	8.4	86	0.00
78	4-Chlorotoluene	20.000	18.915	5.4	86	0.00
79	tert-butylbenzene	20.000	18.525	7.4	84	0.00
80	1,2,4-Trimethylbenzene	20.000	19.091	4.5	86	0.00
81	sec-Butylbenzene	20.000	18.419	7.9	83	0.00
82	p-Isopropyltoluene	20.000	18.449	7.8	83	0.00
83 M	1,3-Dichlorobenzene	20.000	18.895	5.5	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.393	8.0	84	0.00
85	n-Butylbenzene	20.000	17.281	13.6	80	0.00
86 T	Hexachloroethane	20.000	18.303	8.5	85	0.00
87 M	1,2-Dichlorobenzene	20.000	19.220	3.9	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.288	8.6	82	0.00
89	1,2,4-Trichlorobenzene	20.000	16.901	15.5	76	0.00
90	Hexachlorobutadiene	20.000	17.393	13.0	79	0.00
91 M	Naphthalene	20.000	15.406	23.0	69	0.00
92	1,2,3-Trichlorobenzene	20.000	16.901	15.5	76	0.00

(#) = Out of Range

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