

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084410.D
 Acq On : 14 Oct 2024 16:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 15 01:35:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	17.335	13.3	79	0.00
3 M	Chloromethane	20.000	17.566	12.2	82	0.00
4 M	Vinyl Chloride	20.000	17.629	11.9	82	0.00
5 M	Bromomethane	20.000	17.423	12.9	80	0.00
6 M	Chloroethane	20.000	17.072	14.6	78	0.00
7 M	Trichlorofluoromethane	20.000	18.016	9.9	84	0.00
8 T	Diethyl Ether	20.000	15.679	21.6	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.841	5.8	89	0.00
10 M	1,1-Dichloroethene	20.000	17.067	14.7	83	0.00
11	Methyl Iodide	20.000	16.444	17.8	78	0.00
12	Methyl Acetate	20.000	16.744	16.3	82	-0.01
13 M	Acrolein	100.000	65.944	34.1#	68	0.00
14 M	Acrylonitrile	100.000	75.583	24.4	71	0.00
15 M	Acetone	100.000	89.035	11.0	89	0.00
16 M	Carbon Disulfide	20.000	16.787	16.1	78	0.00
17	Allyl chloride	20.000	16.056	19.7	75	0.00
18 M	Methylene Chloride	20.000	17.853	10.7	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.303	13.5	81	0.00
20 T	Diisopropyl ether	20.000	17.553	12.2	82	0.00
21 M	1,1-Dichloroethane	20.000	17.896	10.5	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.551	12.2	82	0.00
23 M	tert-Butyl Alcohol	100.000	63.393	36.6#	61	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.182	19.1	77	0.00
25 M	Chloroform	20.000	18.301	8.5	85	0.00
26	Cyclohexane	20.000	16.051	19.7	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.252	5.8	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	18.409	8.0	83	0.00
30 M	2-Butanone	100.000	77.837	22.2	71	0.00
31	2,2-Dichloropropane	20.000	19.464	2.7	88	0.00
32 M	1,1,1-Trichloroethane	20.000	19.235	3.8	84	0.00
33 M	Carbon Tetrachloride	20.000	18.237	8.8	82	0.00
34 M	Benzene	20.000	18.320	8.4	81	0.00
35	Methacrylonitrile	20.000	16.867	15.7	77	-0.01
36 M	1,2-Dichloroethane	20.000	18.443	7.8	82	0.00
37 M	Trichloroethene	20.000	18.817	5.9	82	0.00
38	Methylcyclohexane	20.000	17.373	13.1	81	0.00
39 M	1,2-Dichloropropane	20.000	18.713	6.4	82	0.00
40	Dibromomethane	20.000	18.107	9.5	81	0.00
41 M	Bromodichloromethane	20.000	18.490	7.6	83	0.00
42 M	Vinyl Acetate	100.000	83.286	16.7	77	0.00
43	Ethyl Acetate	20.000	15.442	22.8	70	0.00
44	Isopropyl Acetate	20.000	16.905	15.5	76	0.00
45 T	1,4-Dioxane	400.000	322.753	19.3	77	0.00
46	Methyl methacrylate	20.000	15.523	22.4	71	0.00
47	n-amyl Acetate	20.000	15.396	23.0	70	0.00
48 M	t-1,3-Dichloropropene	20.000	17.293	13.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.247	8.8	81	0.00
50 M	1,1,2-Trichloroethane	20.000	18.655	6.7	84	0.00
51	Ethyl methacrylate	20.000	15.573	22.1	71	0.00
52	1,3-Dichloropropane	20.000	18.037	9.8	80	0.00
53 M	Dibromochloromethane	20.000	18.067	9.7	81	0.00
54 M	1,2-Dibromoethane	20.000	16.936	15.3	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.882	10.1	85	0.00
56 M	Bromoform	20.000	17.098	14.5	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.259	20.7	71	0.00
59 M	2-Hexanone	100.000	77.446	22.6	70	0.00
60 S	4-Bromofluorobenzene	30.000	30.520	-1.7	91	0.00
61 M	Tetrachloroethene	20.000	21.015	-5.1	93	0.00
62 M	Toluene	20.000	18.409	8.0	82	0.00
63 S	Toluene-d8	30.000	30.595	-2.0	90	0.00
64 M	Chlorobenzene	20.000	18.211	8.9	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.937	5.3	84	0.00
66 M	Ethyl Benzene	20.000	17.639	11.8	79	0.00
67 M	m/p-Xylenes	40.000	36.977	7.6	82	0.00
68 M	o-Xylene	20.000	17.741	11.3	80	0.00
69 M	Styrene	20.000	17.523	12.4	79	0.00
70	Isopropylbenzene	20.000	17.728	11.4	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.850	15.7	75	0.00
72	1,2,3-Trichloropropane	20.000	19.006	5.0	86	0.00
73	Bromobenzene	20.000	18.039	9.8	81	0.00
74	n-propylbenzene	20.000	18.230	8.8	82	0.00
75	2-Chlorotoluene	20.000	18.196	9.0	81	0.00
76	1,3,5-Trimethylbenzene	20.000	18.371	8.1	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.402	18.0	79	0.00
78	4-Chlorotoluene	20.000	18.293	8.5	83	0.00
79	tert-butylbenzene	20.000	17.521	12.4	79	0.00
80	1,2,4-Trimethylbenzene	20.000	17.830	10.9	80	0.00
81	sec-Butylbenzene	20.000	18.432	7.8	83	0.00
82	p-Isopropyltoluene	20.000	17.940	10.3	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.899	5.5	85	0.00
84 M	1,4-Dichlorobenzene	20.000	18.431	7.8	86	0.00
85	n-Butylbenzene	20.000	17.274	13.6	82	0.00
86 T	Hexachloroethane	20.000	18.147	9.3	83	0.00
87 M	1,2-Dichlorobenzene	20.000	18.519	7.4	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.290	18.6	74	0.00
89	1,2,4-Trichlorobenzene	20.000	17.327	13.4	82	0.00
90	Hexachlorobutadiene	20.000	18.756	6.2	90	0.00
91 M	Naphthalene	20.000	14.315	28.4#	68	0.00
92	1,2,3-Trichlorobenzene	20.000	17.327	13.4	82	0.00

(#) = Out of Range

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