

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084426.D
 Acq On : 18 Oct 2024 14:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 03:51:50 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 M	Dichlorodifluoromethane	1.832	1.506	17.8	76	0.00
3 M	Chloromethane	2.084	1.844	11.5	84	0.00
4 M	Vinyl Chloride	2.044	1.840	10.0	86	0.00
5 M	Bromomethane	1.354	1.155	14.7	80	0.00
6 M	Chloroethane	1.340	1.170	12.7	82	0.00
7 M	Trichlorofluoromethane	3.329	2.885	13.3	83	0.00
8 T	Diethyl Ether	1.224	1.086	11.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.620	13.5	84	0.00
10 M	1,1-Dichloroethene	1.868	1.549	17.1	83	0.00
11	Methyl Iodide	2.455	2.117	13.8	84	0.00
12	Methyl Acetate	2.339	2.234	4.5	96	0.00
13 M	Acrolein	0.434	0.291	32.9#	71	0.00
14 M	Acrylonitrile	1.051	0.889	15.4	81	0.00
15 M	Acetone	0.300	0.230	23.3	79	0.01
16 M	Carbon Disulfide	5.562	4.335	22.1	74	0.00
17	Allyl chloride	3.028	2.370	21.7	75	0.00
18 M	Methylene Chloride	2.104	1.978	6.0	90	0.00
19 M	trans-1,2-Dichloroethene	1.977	1.698	14.1	83	0.00
20 T	Diisopropyl ether	6.510	6.129	5.9	90	0.00
21 M	1,1-Dichloroethane	3.736	3.476	7.0	89	0.00
22 M	cis-1,2-Dichloroethene	2.300	2.051	10.8	85	0.00
23 M	tert-Butyl Alcohol	0.403	0.301	25.3#	74	0.00
24 M	Methyl tert-Butyl Ether	6.242	5.571	10.7	86	0.00
25 M	Chloroform	3.783	3.531	6.7	89	0.00
26	Cyclohexane	3.124	2.340	25.1#	70	0.00
27 s	1,2-Dichloroethane-d4	2.415	2.296	4.9	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.492	0.448	8.9	78	0.00
30 M	2-Butanone	0.262	0.233	11.1	78	0.00
31	2,2-Dichloropropane	0.579	0.534	7.8	80	0.00
32 M	1,1,1-Trichloroethane	0.629	0.622	1.1	83	0.00
33 M	Carbon Tetrachloride	0.545	0.520	4.6	82	0.00
34 M	Benzene	1.542	1.533	0.6	85	0.00
35	Methacrylonitrile	0.280	0.267	4.6	84	0.00
36 M	1,2-Dichloroethane	0.514	0.531	-3.3	88	0.00
37 M	Trichloroethene	0.355	0.351	1.1	83	0.00
38	Methylcyclohexane	0.541	0.442	18.3	73	0.00
39 M	1,2-Dichloropropane	0.376	0.387	-2.9	86	0.00
40	Dibromomethane	0.263	0.278	-5.7	91	0.00
41 M	Bromodichloromethane	0.558	0.575	-3.0	89	0.00
42 M	Vinyl Acetate	0.912	0.837	8.2	81	0.00
43	Ethyl Acetate	0.517	0.446	13.7	75	0.00
44	Isopropyl Acetate	0.846	0.797	5.8	82	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	89	0.00
46	Methyl methacrylate	0.409	0.365	10.8	78	0.00
47	n-amyl Acetate	0.753	0.679	9.8	79	0.00
48 M	t-1,3-Dichloropropene	0.576	0.539	6.4	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.604	0.591	2.2	83	0.00
50 M	1,1,2-Trichloroethane	0.353	0.371	-5.1	90	0.00
51	Ethyl methacrylate	0.583	0.532	8.7	80	0.00
52	1,3-Dichloropropane	0.617	0.631	-2.3	87	0.00
53 M	Dibromochloromethane	0.417	0.427	-2.4	89	0.00
54 M	1,2-Dibromoethane	0.364	0.361	0.8	84	0.00
55 M	2-Chloroethyl vinyl ether	0.265	0.277	-4.5	95	0.00
56 M	Bromoform	0.277	0.271	2.2	89	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.559	0.517	7.5	80	0.00
59 M	2-Hexanone	0.415	0.373	10.1	80	0.00
60 S	4-Bromofluorobenzene	0.495	0.499	-0.8	88	0.00
61 M	Tetrachloroethene	0.339	0.355	-4.7	90	0.00
62 M	Toluene	1.756	1.726	1.7	85	0.00
63 S	Toluene-d8	1.390	1.404	-1.0	88	0.00
64 M	Chlorobenzene	1.093	1.059	3.1	85	0.00
65	1,1,1,2-Tetrachloroethane	0.380	0.378	0.5	86	0.00
66 M	Ethyl Benzene	1.908	1.756	8.0	81	0.00
67 M	m/p-Xylenes	0.724	0.690	4.7	83	0.00
68 M	o-Xylene	0.698	0.676	3.2	85	0.00
69 M	Styrene	1.198	1.112	7.2	82	0.00
70	Isopropylbenzene	1.781	1.625	8.8	79	0.00
71 M	1,1,2,2-Tetrachloroethane	0.551	0.533	3.3	84	0.00
72	1,2,3-Trichloropropane	0.472	0.513	-8.7	96	0.00
73	Bromobenzene	0.431	0.419	2.8	85	0.00
74	n-propylbenzene	2.123	1.938	8.7	80	0.00
75	2-Chlorotoluene	1.319	1.236	6.3	81	0.00
76	1,3,5-Trimethylbenzene	1.500	1.393	7.1	82	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.171	15.3	80	0.00
78	4-Chlorotoluene	1.341	1.251	6.7	82	0.00
79	tert-butylbenzene	1.279	1.159	9.4	80	0.00
80	1,2,4-Trimethylbenzene	1.522	1.409	7.4	82	0.00
81	sec-Butylbenzene	1.762	1.617	8.2	81	0.00
82	p-Isopropyltoluene	1.483	1.327	10.5	80	0.00
83 M	1,3-Dichlorobenzene	0.802	0.772	3.7	85	0.00
84 M	1,4-Dichlorobenzene	0.796	0.752	5.5	86	0.00
85	n-Butylbenzene	1.284	1.087	15.3	79	0.00
86 T	Hexachloroethane	0.286	0.258	9.8	81	0.00
87 M	1,2-Dichlorobenzene	0.775	0.756	2.5	87	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.102	9.7	81	0.00
89	1,2,4-Trichlorobenzene	0.403	0.357	11.4	82	0.00
90	Hexachlorobutadiene	0.187	0.160	14.4	80	0.00
91 M	Naphthalene	1.366	1.095	19.8	74	0.00
92	1,2,3-Trichlorobenzene	0.403	0.357	11.4	82	0.00

(#) = Out of Range

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