

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084403.D
 Acq On : 14 Oct 2024 09:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 15 01:28:55 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	1.660	9.4	84	0.00
3 M	Chloromethane	2.084	1.876	10.0	86	0.00
4 M	Vinyl Chloride	2.044	1.850	9.5	86	0.00
5 M	Bromomethane	1.354	1.212	10.5	84	0.00
6 M	Chloroethane	1.340	1.178	12.1	83	0.00
7 M	Trichlorofluoromethane	3.329	3.008	9.6	87	0.00
8 T	Diethyl Ether	1.224	1.039	15.1	83	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.768	5.6	92	0.01
10 M	1,1-Dichloroethene	1.868	1.666	10.8	89	0.00
11	Methyl Iodide	2.455	2.104	14.3	83	-0.01
12	Methyl Acetate	2.339	2.233	4.5	96	0.00
13 M	Acrolein	0.434	0.368	15.2	89	0.00
14 M	Acrylonitrile	1.051	0.964	8.3	88	0.00
15 M	Acetone	0.300	0.338	-12.7	116	0.00
16 M	Carbon Disulfide	5.562	4.811	13.5	83	0.00
17	Allyl chloride	3.028	2.440	19.4	77	0.00
18 M	Methylene Chloride	2.104	1.924	8.6	88	0.00
19 M	trans-1,2-Dichloroethene	1.977	1.777	10.1	87	0.00
20 T	Diisopropyl ether	6.510	5.811	10.7	86	0.00
21 M	1,1-Dichloroethane	3.736	3.435	8.1	88	0.00
22 M	cis-1,2-Dichloroethene	2.300	2.109	8.3	87	0.00
23 M	tert-Butyl Alcohol	0.403	0.348	13.6	85	0.00
24 M	Methyl tert-Butyl Ether	6.242	5.477	12.3	85	0.00
25 M	Chloroform	3.783	3.674	2.9	92	0.00
26	Cyclohexane	3.124	2.443	21.8	73	0.00
27 s	1,2-Dichloroethane-d4	2.415	2.360	2.3	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.492	0.479	2.6	85	0.00
30 M	2-Butanone	0.262	0.277	-5.7	94	0.00
31	2,2-Dichloropropane	0.579	0.595	-2.8	90	0.00
32 M	1,1,1-Trichloroethane	0.629	0.634	-0.8	86	0.00
33 M	Carbon Tetrachloride	0.545	0.549	-0.7	88	0.00
34 M	Benzene	1.542	1.564	-1.4	88	0.00
35	Methacrylonitrile	0.280	0.278	0.7	89	0.00
36 M	1,2-Dichloroethane	0.514	0.526	-2.3	88	0.00
37 M	Trichloroethene	0.355	0.349	1.7	83	0.00
38	Methylcyclohexane	0.541	0.473	12.6	80	0.00
39 M	1,2-Dichloropropane	0.376	0.382	-1.6	87	0.00
40	Dibromomethane	0.263	0.275	-4.6	92	0.00
41 M	Bromodichloromethane	0.558	0.579	-3.8	91	0.00
42 M	Vinyl Acetate	0.912	0.838	8.1	83	0.00
43	Ethyl Acetate	0.517	0.529	-2.3	91	0.00
44	Isopropyl Acetate	0.846	0.820	3.1	85	0.00
45 T	1,4-Dioxane	0.008	0.008	0.0	98	0.00
46	Methyl methacrylate	0.409	0.371	9.3	80	0.00
47	n-amyl Acetate	0.753	0.683	9.3	81	0.00
48 M	t-1,3-Dichloropropene	0.576	0.541	6.1	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.604	0.599	0.8	86	0.00
50 M	1,1,2-Trichloroethane	0.353	0.376	-6.5	93	0.00
51	Ethyl methacrylate	0.583	0.540	7.4	82	0.00
52	1,3-Dichloropropane	0.617	0.621	-0.6	87	0.00
53 M	Dibromochloromethane	0.417	0.428	-2.6	90	0.00
54 M	1,2-Dibromoethane	0.364	0.354	2.7	84	0.00
55 M	2-Chloroethyl vinyl ether	0.265	0.301	-13.6	105	0.00
56 M	Bromoform	0.277	0.285	-2.9	94	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.559	0.552	1.3	88	0.00
59 M	2-Hexanone	0.415	0.424	-2.2	93	0.00
60 S	4-Bromofluorobenzene	0.495	0.504	-1.8	91	0.00
61 M	Tetrachloroethene	0.339	0.335	1.2	87	0.00
62 M	Toluene	1.756	1.761	-0.3	89	0.00
63 S	Toluene-d8	1.390	1.437	-3.4	92	0.00
64 M	Chlorobenzene	1.093	1.068	2.3	88	0.00
65	1,1,1,2-Tetrachloroethane	0.380	0.374	1.6	87	0.00
66 M	Ethyl Benzene	1.908	1.803	5.5	85	0.00
67 M	m/p-Xylenes	0.724	0.713	1.5	88	0.00
68 M	o-Xylene	0.698	0.653	6.4	84	0.00
69 M	Styrene	1.198	1.157	3.4	87	0.00
70	Isopropylbenzene	1.781	1.697	4.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	0.551	0.585	-6.2	95	0.00
72	1,2,3-Trichloropropane	0.472	0.485	-2.8	93	0.00
73	Bromobenzene	0.431	0.433	-0.5	90	0.00
74	n-propylbenzene	2.123	2.055	3.2	87	0.00
75	2-Chlorotoluene	1.319	1.266	4.0	85	0.00
76	1,3,5-Trimethylbenzene	1.500	1.460	2.7	87	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.189	6.4	90	0.00
78	4-Chlorotoluene	1.341	1.300	3.1	87	0.00
79	tert-butylbenzene	1.279	1.208	5.6	85	0.00
80	1,2,4-Trimethylbenzene	1.522	1.480	2.8	88	0.00
81	sec-Butylbenzene	1.762	1.704	3.3	87	0.00
82	p-Isopropyltoluene	1.483	1.390	6.3	86	0.00
83 M	1,3-Dichlorobenzene	0.802	0.806	-0.5	91	0.00
84 M	1,4-Dichlorobenzene	0.796	0.786	1.3	92	0.00
85	n-Butylbenzene	1.284	1.166	9.2	87	0.00
86 T	Hexachloroethane	0.286	0.278	2.8	89	0.00
87 M	1,2-Dichlorobenzene	0.775	0.785	-1.3	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.114	-0.9	92	0.00
89	1,2,4-Trichlorobenzene	0.403	0.372	7.7	87	0.00
90	Hexachlorobutadiene	0.187	0.177	5.3	91	0.00
91 M	Naphthalene	1.366	1.134	17.0	79	0.00
92	1,2,3-Trichlorobenzene	0.403	0.372	7.7	87	0.00

(#) = Out of Range

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