

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 M	Dichlorodifluoromethane	1.832	1.588	13.3	79	0.00
3 M	Chloromethane	2.084	1.831	12.1	82	0.00
4 M	Vinyl Chloride	2.044	1.802	11.8	82	0.00
5 M	Bromomethane	1.354	1.180	12.9	80	0.00
6 M	Chloroethane	1.340	1.144	14.6	78	0.00
7 M	Trichlorofluoromethane	3.329	2.999	9.9	84	0.00
8 T	Diethyl Ether	1.224	0.960	21.6	75	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.764	5.8	89	0.00
10 M	1,1-Dichloroethene	1.868	1.594	14.7	83	0.00
11	Methyl Iodide	2.455	2.018	17.8	78	0.00
12	Methyl Acetate	2.339	1.958	16.3	82	-0.01
13 M	Acrolein	0.434	0.286	34.1#	68	0.00
14 M	Acrylonitrile	1.051	0.794	24.5	71	0.00
15 M	Acetone	0.300	0.267	11.0	89	0.00
16 M	Carbon Disulfide	5.562	4.669	16.1	78	0.00
17	Allyl chloride	3.028	2.431	19.7	75	0.00
18 M	Methylene Chloride	2.104	1.878	10.7	84	0.00
19 M	trans-1,2-Dichloroethene	1.977	1.710	13.5	81	0.00
20 T	Diisopropyl ether	6.510	5.714	12.2	82	0.00
21 M	1,1-Dichloroethane	3.736	3.343	10.5	83	0.00
22 M	cis-1,2-Dichloroethene	2.300	2.019	12.2	82	0.00
23 M	tert-Butyl Alcohol	0.403	0.255	36.7#	61	0.00
24 M	Methyl tert-Butyl Ether	6.242	5.051	19.1	77	0.00
25 M	Chloroform	3.783	3.462	8.5	85	0.00
26	Cyclohexane	3.124	2.507	19.8	73	0.00
27 s	1,2-Dichloroethane-d4	2.415	2.275	5.8	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.492	0.453	7.9	83	0.00
30 M	2-Butanone	0.262	0.204	22.1	71	0.00
31	2,2-Dichloropropane	0.579	0.563	2.8	88	0.00
32 M	1,1,1-Trichloroethane	0.629	0.605	3.8	84	0.00
33 M	Carbon Tetrachloride	0.545	0.497	8.8	82	0.00
34 M	Benzene	1.542	1.412	8.4	81	0.00
35	Methacrylonitrile	0.280	0.236	15.7	77	-0.01
36 M	1,2-Dichloroethane	0.514	0.474	7.8	82	0.00
37 M	Trichloroethene	0.355	0.334	5.9	82	0.00
38	Methylcyclohexane	0.541	0.470	13.1	81	0.00
39 M	1,2-Dichloropropane	0.376	0.352	6.4	82	0.00
40	Dibromomethane	0.263	0.238	9.5	81	0.00
41 M	Bromodichloromethane	0.558	0.516	7.5	83	0.00
42 M	Vinyl Acetate	0.912	0.760	16.7	77	0.00
43	Ethyl Acetate	0.517	0.399	22.8	70	0.00
44	Isopropyl Acetate	0.846	0.715	15.5	76	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	77	0.00
46	Methyl methacrylate	0.409	0.317	22.5	71	0.00
47	n-amyl Acetate	0.753	0.580	23.0	70	0.00
48 M	t-1,3-Dichloropropene	0.576	0.498	13.5	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.604	0.551	8.8	81	0.00
50 M	1,1,2-Trichloroethane	0.353	0.329	6.8	84	0.00
51	Ethyl methacrylate	0.583	0.454	22.1	71	0.00
52	1,3-Dichloropropane	0.617	0.557	9.7	80	0.00
53 M	Dibromochloromethane	0.417	0.377	9.6	81	0.00
54 M	1,2-Dibromoethane	0.364	0.308	15.4	75	0.00
55 M	2-Chloroethyl vinyl ether	0.265	0.238	10.2	85	0.00
56 M	Bromoform	0.277	0.237	14.4	80	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.559	0.443	20.8	71	0.00
59 M	2-Hexanone	0.415	0.322	22.4	70	0.00
60 S	4-Bromofluorobenzene	0.495	0.504	-1.8	91	0.00
61 M	Tetrachloroethene	0.339	0.357	-5.3	93	0.00
62 M	Toluene	1.756	1.617	7.9	82	0.00
63 S	Toluene-d8	1.390	1.417	-1.9	90	0.00
64 M	Chlorobenzene	1.093	0.995	9.0	82	0.00
65	1,1,1,2-Tetrachloroethane	0.380	0.360	5.3	84	0.00
66 M	Ethyl Benzene	1.908	1.683	11.8	79	0.00
67 M	m/p-Xylenes	0.724	0.669	7.6	82	0.00
68 M	o-Xylene	0.698	0.619	11.3	80	0.00
69 M	Styrene	1.198	1.049	12.4	79	0.00
70	Isopropylbenzene	1.781	1.579	11.3	79	0.00
71 M	1,1,2,2-Tetrachloroethane	0.551	0.464	15.8	75	0.00
72	1,2,3-Trichloropropane	0.472	0.448	5.1	86	0.00
73	Bromobenzene	0.431	0.389	9.7	81	0.00
74	n-propylbenzene	2.123	1.935	8.9	82	0.00
75	2-Chlorotoluene	1.319	1.200	9.0	81	0.00
76	1,3,5-Trimethylbenzene	1.500	1.378	8.1	82	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.165	18.3	79	0.00
78	4-Chlorotoluene	1.341	1.226	8.6	83	0.00
79	tert-butylbenzene	1.279	1.121	12.4	79	0.00
80	1,2,4-Trimethylbenzene	1.522	1.357	10.8	80	0.00
81	sec-Butylbenzene	1.762	1.623	7.9	83	0.00
82	p-Isopropyltoluene	1.483	1.330	10.3	82	0.00
83 M	1,3-Dichlorobenzene	0.802	0.758	5.5	85	0.00
84 M	1,4-Dichlorobenzene	0.796	0.734	7.8	86	0.00
85	n-Butylbenzene	1.284	1.109	13.6	82	0.00
86 T	Hexachloroethane	0.286	0.259	9.4	83	0.00
87 M	1,2-Dichlorobenzene	0.775	0.718	7.4	85	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.092	18.6	74	0.00
89	1,2,4-Trichlorobenzene	0.403	0.349	13.4	82	0.00
90	Hexachlorobutadiene	0.187	0.175	6.4	90	0.00
91 M	Naphthalene	1.366	0.978	28.4#	68	0.00
92	1,2,3-Trichlorobenzene	0.403	0.349	13.4	82	0.00

(#) = Out of Range

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