

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086390.D
 Acq On : 23 Apr 2025 18:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 24 05:02:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 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	99	0.00
2 M	Dichlorodifluoromethane	2.071	1.946	6.0	91	0.00
3 M	Chloromethane	2.942	2.692	8.5	92	0.00
4 M	Vinyl Chloride	2.818	2.626	6.8	93	0.00
5 M	Bromomethane	1.471	1.460	0.7	97	0.00
6 M	Chloroethane	1.879	1.799	4.3	95	0.00
7 M	Trichlorofluoromethane	3.326	3.085	7.2	90	0.00
8 T	Diethyl Ether	1.404	1.291	8.0	93	0.00
9	1,1,2-Trichlorotrifluoroeth	2.045	1.951	4.6	95	0.00
10 M	1,1-Dichloroethene	2.093	1.938	7.4	92	0.00
11	Methyl Iodide	2.449	2.371	3.2	97	0.00
12	Methyl Acetate	2.966	3.119	-5.2	103	0.00
13 M	Acrolein	0.150	0.135	10.0	105	0.01
14 M	Acrylonitrile	1.104	1.113	-0.8	100	0.00
15 M	Acetone	0.304	0.287	5.6	102	0.00
16 M	Carbon Disulfide	5.515	5.006	9.2	89	0.00
17	Allyl chloride	3.346	3.028	9.5	92	0.00
18 M	Methylene Chloride	2.383	2.245	5.8	94	0.00
19 M	trans-1,2-Dichloroethene	2.231	2.060	7.7	93	0.00
20 T	Diisopropyl ether	7.957	7.311	8.1	93	0.00
21 M	1,1-Dichloroethane	4.355	4.072	6.5	93	0.00
22 M	cis-1,2-Dichloroethene	2.789	2.623	6.0	95	0.00
23 M	tert-Butyl Alcohol	0.428	0.486	-13.6	106	0.00
24 M	Methyl tert-Butyl Ether	7.733	7.402	4.3	95	0.00
25 M	Chloroform	4.408	4.140	6.1	92	0.00
26	Cyclohexane	3.846	3.428	10.9	90	0.00
27 s	1,2-Dichloroethane-d4	2.892	2.802	3.1	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.529	0.493	6.8	93	0.00
30 M	2-Butanone	0.257	0.254	1.2	98	0.00
31	2,2-Dichloropropane	0.680	0.591	13.1	85	0.00
32 M	1,1,1-Trichloroethane	0.632	0.611	3.3	95	0.00
33 M	Carbon Tetrachloride	0.520	0.488	6.2	91	0.00
34 M	Benzene	1.682	1.594	5.2	93	0.00
35	Methacrylonitrile	0.293	0.293	0.0	93	0.00
36 M	1,2-Dichloroethane	0.546	0.526	3.7	94	0.00
37 M	Trichloroethene	0.421	0.388	7.8	93	0.00
38	Methylcyclohexane	0.611	0.557	8.8	90	0.00
39 M	1,2-Dichloropropane	0.416	0.390	6.2	92	0.00
40	Dibromomethane	0.278	0.270	2.9	94	0.00
41 M	Bromodichloromethane	0.588	0.567	3.6	95	0.00
42 M	Vinyl Acetate	0.889	0.856	3.7	93	0.00
43	Ethyl Acetate	0.508	0.509	-0.2	102	0.00
44	Isopropyl Acetate	0.964	0.953	1.1	97	0.00
45 T	1,4-Dioxane	0.008	0.009	-12.5	106	0.00
46	Methyl methacrylate	0.445	0.437	1.8	96	0.00
47	n-amyl Acetate	0.822	0.756	8.0	92	0.00
48 M	t-1,3-Dichloropropene	0.657	0.602	8.4	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.693	0.648	6.5	93	0.00
50 M	1,1,2-Trichloroethane	0.388	0.371	4.4	92	0.00
51	Ethyl methacrylate	0.676	0.644	4.7	95	0.00
52	1,3-Dichloropropane	0.686	0.669	2.5	95	0.00
53 M	Dibromochloromethane	0.436	0.416	4.6	94	0.00
54 M	1,2-Dibromoethane	0.395	0.383	3.0	95	0.00
55 M	2-Chloroethyl vinyl ether	0.318	0.311	2.2	96	0.00
56 M	Bromoform	0.283	0.273	3.5	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.581	0.581	0.0	98	0.00
59 M	2-Hexanone	0.428	0.439	-2.6	100	0.00
60 S	4-Bromofluorobenzene	0.590	0.577	2.2	96	0.00
61 M	Tetrachloroethene	0.458	0.416	9.2	92	0.00
62 M	Toluene	2.008	1.919	4.4	94	0.00
63 S	Toluene-d8	1.650	1.640	0.6	94	0.00
64 M	Chlorobenzene	1.251	1.196	4.4	94	0.00
65	1,1,1,2-Tetrachloroethane	0.418	0.404	3.3	96	0.00
66 M	Ethyl Benzene	2.260	2.136	5.5	93	0.00
67 M	m/p-Xylenes	0.858	0.807	5.9	94	0.00
68 M	o-Xylene	0.840	0.813	3.2	97	0.00
69 M	Styrene	1.423	1.350	5.1	96	0.00
70	Isopropylbenzene	2.096	1.994	4.9	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.578	-4.7	98	0.00
72	1,2,3-Trichloropropane	0.481	0.488	-1.5	100	0.00
73	Bromobenzene	0.482	0.459	4.8	94	0.00
74	n-propylbenzene	2.491	2.312	7.2	94	0.00
75	2-Chlorotoluene	1.555	1.475	5.1	94	0.00
76	1,3,5-Trimethylbenzene	1.720	1.624	5.6	95	0.00
77	t-1,4-Dichloro-2-butene	0.244	0.225	7.8	95	0.00
78	4-Chlorotoluene	1.555	1.441	7.3	95	0.00
79	tert-butylbenzene	1.473	1.391	5.6	95	0.00
80	1,2,4-Trimethylbenzene	1.757	1.627	7.4	93	0.00
81	sec-Butylbenzene	2.103	1.950	7.3	95	0.00
82	p-Isopropyltoluene	1.759	1.576	10.4	94	0.00
83 M	1,3-Dichlorobenzene	0.911	0.849	6.8	97	0.00
84 M	1,4-Dichlorobenzene	0.900	0.841	6.6	97	0.00
85	n-Butylbenzene	1.570	1.355	13.7	92	0.00
86 T	Hexachloroethane	0.288	0.263	8.7	96	0.00
87 M	1,2-Dichlorobenzene	0.867	0.821	5.3	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.112	0.109	2.7	102	0.00
89	1,2,4-Trichlorobenzene	0.395	0.356	9.9	98	0.00
90	Hexachlorobutadiene	0.159	0.136	14.5	91	0.00
91 M	Naphthalene	1.414	1.279	9.5	98	0.00
92	1,2,3-Trichlorobenzene	0.395	0.356	9.9	98	0.00

(#) = Out of Range

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