

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085284.D
 Acq On : 20 Dec 2024 16:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 21 02:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 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	94	0.00
2 M	Dichlorodifluoromethane	2.508	2.478	1.2	88	0.00
3 M	Chloromethane	2.533	2.455	3.1	88	0.00
4 M	Vinyl Chloride	2.572	2.350	8.6	84	0.00
5 M	Bromomethane	1.503	1.366	9.1	86	0.00
6 M	Chloroethane	1.623	1.576	2.9	88	0.00
7 M	Trichlorofluoromethane	3.533	3.353	5.1	87	0.00
8 T	Diethyl Ether	1.217	1.072	11.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	2.029	1.910	5.9	86	0.00
10 M	1,1-Dichloroethene	1.853	1.681	9.3	86	0.00
11	Methyl Iodide	2.221	1.960	11.8	86	0.00
12	Methyl Acetate	2.768	2.467	10.9	82	0.00
13 M	Acrolein	0.247	0.261	-5.7	112	0.00
14 M	Acrylonitrile	1.070	0.940	12.1	82	0.00
15 M	Acetone	0.270	0.241	10.7	82	0.00
16 M	Carbon Disulfide	5.634	5.049	10.4	83	0.00
17	Allyl chloride	2.998	2.716	9.4	87	0.00
18 M	Methylene Chloride	2.208	2.042	7.5	85	0.00
19 M	trans-1,2-Dichloroethene	1.928	1.800	6.6	88	0.00
20 T	Diisopropyl ether	6.871	6.343	7.7	85	0.00
21 M	1,1-Dichloroethane	4.017	3.705	7.8	85	0.00
22 M	cis-1,2-Dichloroethene	2.295	2.031	11.5	84	0.00
23 M	tert-Butyl Alcohol	0.353	0.300	15.0	84	0.00
24 M	Methyl tert-Butyl Ether	6.083	5.576	8.3	87	0.00
25 M	Chloroform	4.072	3.776	7.3	85	0.00
26	Cyclohexane	3.063	2.771	9.5	86	0.00
27 s	1,2-Dichloroethane-d4	2.639	2.665	-1.0	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.521	0.463	11.1	86	0.00
30 M	2-Butanone	0.275	0.234	14.9	82	0.00
31	2,2-Dichloropropane	0.660	0.584	11.5	84	0.00
32 M	1,1,1-Trichloroethane	0.677	0.586	13.4	82	0.00
33 M	Carbon Tetrachloride	0.593	0.537	9.4	87	0.00
34 M	Benzene	1.646	1.466	10.9	84	0.00
35	Methacrylonitrile	0.304	0.269	11.5	86	0.00
36 M	1,2-Dichloroethane	0.595	0.535	10.1	86	0.00
37 M	Trichloroethene	0.362	0.320	11.6	85	0.00
38	Methylcyclohexane	0.539	0.459	14.8	90	0.00
39 M	1,2-Dichloropropane	0.419	0.376	10.3	85	0.00
40	Dibromomethane	0.292	0.258	11.6	84	0.00
41 M	Bromodichloromethane	0.610	0.543	11.0	84	0.00
42 M	Vinyl Acetate	0.971	0.853	12.2	87	0.00
43	Ethyl Acetate	0.569	0.444	22.0	78	0.00
44	Isopropyl Acetate	0.945	0.845	10.6	87	0.00
45 T	1,4-Dioxane	0.007	0.006	14.3	83	0.00
46	Methyl methacrylate	0.438	0.369	15.8	82	0.00
47	n-amyl Acetate	0.805	0.681	15.4	85	0.00
48 M	t-1,3-Dichloropropene	0.603	0.517	14.3	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.648	0.561	13.4	85	0.00
50 M	1,1,2-Trichloroethane	0.382	0.341	10.7	83	0.00
51	Ethyl methacrylate	0.578	0.498	13.8	88	0.00
52	1,3-Dichloropropane	0.667	0.585	12.3	82	0.00
53 M	Dibromochloromethane	0.448	0.382	14.7	80	0.00
54 M	1,2-Dibromoethane	0.370	0.329	11.1	85	0.00
55 M	2-Chloroethyl vinyl ether	0.298	0.251	15.8	84	0.00
56 M	Bromoform	0.292	0.242	17.1	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.608	0.549	9.7	83	0.00
59 M	2-Hexanone	0.442	0.390	11.8	82	0.00
60 S	4-Bromofluorobenzene	0.486	0.491	-1.0	97	0.00
61 M	Tetrachloroethene	0.335	0.308	8.1	86	0.00
62 M	Toluene	1.843	1.682	8.7	85	0.00
63 S	Toluene-d8	1.465	1.456	0.6	93	0.00
64 M	Chlorobenzene	1.112	1.004	9.7	86	0.00
65	1,1,1,2-Tetrachloroethane	0.403	0.357	11.4	82	0.00
66 M	Ethyl Benzene	1.939	1.673	13.7	84	0.00
67 M	m/p-Xylenes	0.728	0.647	11.1	83	0.00
68 M	o-Xylene	0.693	0.602	13.1	84	0.00
69 M	Styrene	1.171	1.010	13.7	82	0.00
70	Isopropylbenzene	1.740	1.542	11.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.617	0.549	11.0	85	0.00
72	1,2,3-Trichloropropane	0.525	0.498	5.1	95	0.00
73	Bromobenzene	0.430	0.374	13.0	81	0.00
74	n-propylbenzene	2.168	1.898	12.5	84	0.00
75	2-Chlorotoluene	1.306	1.182	9.5	87	0.00
76	1,3,5-Trimethylbenzene	1.485	1.329	10.5	85	0.00
77	t-1,4-Dichloro-2-butene	0.215	0.178	17.2	85	0.00
78	4-Chlorotoluene	1.328	1.174	11.6	85	0.00
79	tert-butylbenzene	1.214	1.052	13.3	87	0.00
80	1,2,4-Trimethylbenzene	1.478	1.321	10.6	85	0.00
81	sec-Butylbenzene	1.753	1.526	12.9	86	0.00
82	p-Isopropyltoluene	1.444	1.254	13.2	88	0.00
83 M	1,3-Dichlorobenzene	0.802	0.717	10.6	85	0.00
84 M	1,4-Dichlorobenzene	0.776	0.698	10.1	89	0.00
85	n-Butylbenzene	1.247	1.067	14.4	90	0.00
86 T	Hexachloroethane	0.310	0.263	15.2	80	0.00
87 M	1,2-Dichlorobenzene	0.762	0.677	11.2	85	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.097	14.2	84	0.00
89	1,2,4-Trichlorobenzene	0.361	0.316	12.5	89	0.00
90	Hexachlorobutadiene	0.180	0.159	11.7	86	0.00
91 M	Naphthalene	1.159	0.938	19.1	87	0.00
92	1,2,3-Trichlorobenzene	0.361	0.316	12.5	89	0.00

(#) = Out of Range

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