

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082024.D
 Acq On : 08 May 2024 09:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 09 01:00:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	75	0.00
2 M	Dichlorodifluoromethane	1.703	1.511	11.3	67	0.00
3 M	Chloromethane	1.975	1.973	0.1	77	0.00
4 M	Vinyl Chloride	1.866	1.906	-2.1	79	0.00
5 M	Bromomethane	0.974	0.909	6.7	70	0.00
6 M	Chloroethane	1.056	1.203	-13.9	84	0.00
7 M	Trichlorofluoromethane	2.730	2.466	9.7	67	0.00
8 T	Diethyl Ether	1.322	1.292	2.3	73	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.745	6.8	69	0.00
10 M	1,1-Dichloroethene	1.831	1.643	10.3	69	0.00
11	Methyl Iodide	1.673	1.421	15.1	73	0.00
12	Methyl Acetate	2.293	2.518	-9.8	84	0.00
13 M	Acrolein	0.487	0.379	22.2	61	0.00
14 M	Acrylonitrile	1.046	1.078	-3.1	77	0.00
15 M	Acetone	0.234	0.264	-12.8	82	0.00
16 M	Carbon Disulfide	5.073	4.412	13.0	68	0.00
17	Allyl chloride	3.215	3.277	-1.9	74	0.00
18 M	Methylene Chloride	2.083	2.076	0.3	78	-0.01
19 M	trans-1,2-Dichloroethene	1.906	1.774	6.9	74	-0.02
20 T	Diisopropyl ether	7.112	7.402	-4.1	79	0.00
21 M	1,1-Dichloroethane	3.766	3.971	-5.4	78	0.00
22 M	cis-1,2-Dichloroethene	2.322	2.254	2.9	75	0.00
23 M	tert-Butyl Alcohol	0.431	0.409	5.1	68	0.00
24 M	Methyl tert-Butyl Ether	6.601	6.402	3.0	71	0.00
25 M	Chloroform	3.623	3.697	-2.0	76	0.00
26	Cyclohexane	3.257	3.092	5.1	73	-0.01
27 s	1,2-Dichloroethane-d4	2.512	2.567	-2.2	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
29	1,1-Dichloropropene	0.447	0.425	4.9	72	0.00
30 M	2-Butanone	0.230	0.237	-3.0	76	0.00
31	2,2-Dichloropropane	0.458	0.546	-19.2	92	0.00
32 M	1,1,1-Trichloroethane	0.514	0.500	2.7	73	0.00
33 M	Carbon Tetrachloride	0.417	0.383	8.2	69	0.00
34 M	Benzene	1.425	1.425	0.0	74	0.00
35	Methacrylonitrile	0.291	0.270	7.2	71	0.00
36 M	1,2-Dichloroethane	0.478	0.487	-1.9	78	0.00
37 M	Trichloroethene	0.349	0.296	15.2	65	0.00
38	Methylcyclohexane	0.540	0.517	4.3	72	0.00
39 M	1,2-Dichloropropane	0.366	0.397	-8.5	85	0.00
40	Dibromomethane	0.235	0.231	1.7	76	0.00
41 M	Bromodichloromethane	0.502	0.515	-2.6	79	0.00
42 M	Vinyl Acetate	0.980	0.990	-1.0	77	0.00
43	Ethyl Acetate	0.502	0.447	11.0	69	0.00
44	Isopropyl Acetate	0.891	0.896	-0.6	76	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	75	-0.01
46	Methyl methacrylate	0.407	0.396	2.7	74	0.00
47	n-amyl Acetate	0.804	0.803	0.1	77	0.00
48 M	t-1,3-Dichloropropene	0.544	0.529	2.8	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.576	0.590	-2.4	78	0.00
50 M	1,1,2-Trichloroethane	0.319	0.318	0.3	75	0.00
51	Ethyl methacrylate	0.601	0.591	1.7	75	0.00
52	1,3-Dichloropropane	0.585	0.606	-3.6	79	0.00
53 M	Dibromochloromethane	0.347	0.331	4.6	75	0.00
54 M	1,2-Dibromoethane	0.318	0.317	0.3	75	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.319	-6.0	80	0.00
56 M	Bromoform	0.211	0.184	12.8	67	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	0.583	0.587	-0.7	78	0.00
59 M	2-Hexanone	0.432	0.433	-0.2	77	0.00
60 S	4-Bromofluorobenzene	0.499	0.478	4.2	77	0.00
61 M	Tetrachloroethene	0.333	0.283	15.0	65	0.00
62 M	Toluene	1.688	1.579	6.5	73	0.00
63 S	Toluene-d8	1.425	1.460	-2.5	80	0.00
64 M	Chlorobenzene	1.032	0.996	3.5	75	0.00
65	1,1,1,2-Tetrachloroethane	0.338	0.325	3.8	74	0.00
66 M	Ethyl Benzene	1.850	1.748	5.5	72	0.00
67 M	m/p-Xylenes	0.686	0.668	2.6	75	0.00
68 M	o-Xylene	0.679	0.631	7.1	71	0.00
69 M	Styrene	1.139	1.091	4.2	75	0.00
70	Isopropylbenzene	1.724	1.616	6.3	72	0.00
71 M	1,1,2,2-Tetrachloroethane	0.496	0.500	-0.8	76	0.00
72	1,2,3-Trichloropropane	0.464	0.448	3.4	76	0.00
73	Bromobenzene	0.369	0.338	8.4	73	0.00
74	n-propylbenzene	2.034	1.989	2.2	75	0.00
75	2-Chlorotoluene	1.258	1.227	2.5	76	0.00
76	1,3,5-Trimethylbenzene	1.395	1.311	6.0	72	0.00
77	t-1,4-Dichloro-2-butene	0.206	0.202	1.9	78	0.00
78	4-Chlorotoluene	1.233	1.158	6.1	74	0.00
79	tert-butylbenzene	1.201	1.105	8.0	70	0.00
80	1,2,4-Trimethylbenzene	1.401	1.301	7.1	73	0.00
81	sec-Butylbenzene	1.684	1.618	3.9	75	0.00
82	p-Isopropyltoluene	1.332	1.257	5.6	72	0.00
83 M	1,3-Dichlorobenzene	0.664	0.626	5.7	72	0.00
84 M	1,4-Dichlorobenzene	0.668	0.621	7.0	72	0.00
85	n-Butylbenzene	1.216	1.206	0.8	79	0.00
86 T	Hexachloroethane	0.266	0.246	7.5	72	0.00
87 M	1,2-Dichlorobenzene	0.662	0.633	4.4	75	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.099	10.8	66	0.00
89	1,2,4-Trichlorobenzene	0.364	0.311	14.6	68	0.00
90	Hexachlorobutadiene	0.135	0.102	24.4	62	0.00
91 M	Naphthalene	1.385	1.205	13.0	68	0.00
92	1,2,3-Trichlorobenzene	0.364	0.311	14.6	68	0.00

(#) = Out of Range

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