

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081969.D
 Acq On : 02 May 2024 09:25
 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 03 00:07:38 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	89	0.00
2 M	Dichlorodifluoromethane	1.703	1.645	3.4	87	0.00
3 M	Chloromethane	1.975	1.930	2.3	89	0.00
4 M	Vinyl Chloride	1.866	1.800	3.5	89	0.00
5 M	Bromomethane	0.974	0.898	7.8	82	-0.01
6 M	Chloroethane	1.056	1.007	4.6	84	0.00
7 M	Trichlorofluoromethane	2.730	2.483	9.0	81	0.00
8 T	Diethyl Ether	1.322	1.292	2.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.704	9.0	80	0.01
10 M	1,1-Dichloroethene	1.831	1.763	3.7	88	0.00
11	Methyl Iodide	1.673	1.429	14.6	88	-0.01
12	Methyl Acetate	2.293	2.423	-5.7	96	0.00
13 M	Acrolein	0.487	0.359	26.3#	69	0.00
14 M	Acrylonitrile	1.046	1.111	-6.2	95	0.00
15 M	Acetone	0.234	0.249	-6.4	92	0.00
16 M	Carbon Disulfide	5.073	4.697	7.4	86	0.00
17	Allyl chloride	3.215	3.251	-1.1	87	0.00
18 M	Methylene Chloride	2.083	2.116	-1.6	94	-0.01
19 M	trans-1,2-Dichloroethene	1.906	1.820	4.5	90	-0.01
20 T	Diisopropyl ether	7.112	7.123	-0.2	90	0.00
21 M	1,1-Dichloroethane	3.766	3.708	1.5	87	0.00
22 M	cis-1,2-Dichloroethene	2.322	2.262	2.6	89	0.00
23 M	tert-Butyl Alcohol	0.431	0.466	-8.1	92	0.01
24 M	Methyl tert-Butyl Ether	6.601	6.391	3.2	85	0.00
25 M	Chloroform	3.623	3.492	3.6	86	0.00
26	Cyclohexane	3.257	3.241	0.5	91	0.00
27 s	1,2-Dichloroethane-d4	2.512	2.637	-5.0	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.447	0.411	8.1	87	0.00
30 M	2-Butanone	0.230	0.232	-0.9	92	0.00
31	2,2-Dichloropropane	0.458	0.494	-7.9	103	0.00
32 M	1,1,1-Trichloroethane	0.514	0.465	9.5	84	0.00
33 M	Carbon Tetrachloride	0.417	0.381	8.6	85	0.00
34 M	Benzene	1.425	1.361	4.5	88	0.00
35	Methacrylonitrile	0.291	0.283	2.7	92	0.00
36 M	1,2-Dichloroethane	0.478	0.432	9.6	85	0.00
37 M	Trichloroethene	0.349	0.304	12.9	82	0.00
38	Methylcyclohexane	0.540	0.510	5.6	88	0.00
39 M	1,2-Dichloropropane	0.366	0.359	1.9	95	0.00
40	Dibromomethane	0.235	0.227	3.4	92	0.00
41 M	Bromodichloromethane	0.502	0.459	8.6	88	0.00
42 M	Vinyl Acetate	0.980	0.923	5.8	89	0.00
43	Ethyl Acetate	0.502	0.459	8.6	88	0.01
44	Isopropyl Acetate	0.891	0.850	4.6	89	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	91	0.00
46	Methyl methacrylate	0.407	0.399	2.0	92	0.00
47	n-amyl Acetate	0.804	0.761	5.3	91	0.00
48 M	t-1,3-Dichloropropene	0.544	0.505	7.2	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.576	0.570	1.0	93	0.00
50 M	1,1,2-Trichloroethane	0.319	0.306	4.1	89	0.00
51	Ethyl methacrylate	0.601	0.592	1.5	93	0.00
52	1,3-Dichloropropane	0.585	0.564	3.6	91	0.00
53 M	Dibromochloromethane	0.347	0.323	6.9	91	0.00
54 M	1,2-Dibromoethane	0.318	0.302	5.0	89	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.339	-12.6	105	0.00
56 M	Bromoform	0.211	0.196	7.1	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.583	0.568	2.6	92	0.00
59 M	2-Hexanone	0.432	0.431	0.2	94	0.00
60 S	4-Bromofluorobenzene	0.499	0.475	4.8	93	0.00
61 M	Tetrachloroethene	0.333	0.277	16.8	77	0.00
62 M	Toluene	1.688	1.551	8.1	88	0.00
63 S	Toluene-d8	1.425	1.413	0.8	94	0.00
64 M	Chlorobenzene	1.032	0.973	5.7	89	0.00
65	1,1,1,2-Tetrachloroethane	0.338	0.307	9.2	86	0.00
66 M	Ethyl Benzene	1.850	1.711	7.5	86	0.00
67 M	m/p-Xylenes	0.686	0.631	8.0	87	0.00
68 M	o-Xylene	0.679	0.646	4.9	88	0.00
69 M	Styrene	1.139	1.062	6.8	89	0.00
70	Isopropylbenzene	1.724	1.581	8.3	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.496	0.491	1.0	91	0.00
72	1,2,3-Trichloropropane	0.464	0.467	-0.6	97	0.00
73	Bromobenzene	0.369	0.332	10.0	88	0.00
74	n-propylbenzene	2.034	1.898	6.7	88	0.00
75	2-Chlorotoluene	1.258	1.153	8.3	87	0.00
76	1,3,5-Trimethylbenzene	1.395	1.299	6.9	87	0.00
77	t-1,4-Dichloro-2-butene	0.206	0.195	5.3	92	0.00
78	4-Chlorotoluene	1.233	1.133	8.1	89	0.00
79	tert-butylbenzene	1.201	1.101	8.3	85	0.00
80	1,2,4-Trimethylbenzene	1.401	1.297	7.4	88	0.00
81	sec-Butylbenzene	1.684	1.617	4.0	92	0.00
82	p-Isopropyltoluene	1.332	1.225	8.0	86	0.00
83 M	1,3-Dichlorobenzene	0.664	0.619	6.8	87	0.00
84 M	1,4-Dichlorobenzene	0.668	0.611	8.5	87	0.00
85	n-Butylbenzene	1.216	1.148	5.6	92	0.00
86 T	Hexachloroethane	0.266	0.240	9.8	85	0.00
87 M	1,2-Dichlorobenzene	0.662	0.627	5.3	90	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.100	9.9	81	0.00
89	1,2,4-Trichlorobenzene	0.364	0.318	12.6	85	0.00
90	Hexachlorobutadiene	0.135	0.111	17.8	83	0.00
91 M	Naphthalene	1.385	1.252	9.6	86	0.00
92	1,2,3-Trichlorobenzene	0.364	0.318	12.6	85	0.00

(#) = Out of Range

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