

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072665.D
 Acq On : 06 Jun 2022 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 07 06:26:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	2.247	2.103	6.4	86	0.00
3 M	Chloromethane	2.444	2.241	8.3	85	0.00
4 M	Vinyl Chloride	2.204	1.926	12.6	80	0.00
5 M	Bromomethane	1.140	1.078	5.4	89	0.00
6 M	Chloroethane	1.469	1.425	3.0	83	0.00
7 M	Trichlorofluoromethane	3.984	3.595	9.8	82	0.00
8 T	Diethyl Ether	1.544	1.534	0.6	90	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	1.915	8.8	83	0.00
10 M	1,1-Dichloroethene	1.982	1.799	9.2	85	0.00
11	Methyl Iodide	1.984	1.732	12.7	77	0.00
12	Methyl Acetate	4.089	3.975	2.8	91	0.00
13 M	Acrolein	0.358	0.329	8.1	90	0.00
14 M	Acrylonitrile	1.667	1.671	-0.2	91	0.00
15 M	Acetone	0.451	0.430	4.7	86	0.00
16 M	Carbon Disulfide	4.997	4.323	13.5	84	0.00
17	Allyl chloride	4.282	4.088	4.5	87	0.00
18 M	Methylene Chloride	2.489	2.462	1.1	90	0.00
19 M	trans-1,2-Dichloroethene	2.145	1.997	6.9	85	0.00
20 T	Diisopropyl ether	8.480	8.542	-0.7	90	0.00
21 M	1,1-Dichloroethane	4.711	4.522	4.0	88	0.00
22 M	cis-1,2-Dichloroethene	2.687	2.582	3.9	87	0.00
23 M	tert-Butyl Alcohol	0.776	0.786	-1.3	90	0.00
24 M	Methyl tert-Butyl Ether	8.815	8.716	1.1	89	0.00
25 M	Chloroform	4.840	4.684	3.2	88	0.00
26	Cyclohexane	3.928	3.531	10.1	82	0.00
27 s	1,2-Dichloroethane-d4	3.421	3.529	-3.2	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.572	0.521	8.9	83	0.00
30 M	2-Butanone	0.414	0.422	-1.9	91	0.00
31	2,2-Dichloropropane	0.774	0.700	9.6	81	0.00
32 M	1,1,1-Trichloroethane	0.748	0.696	7.0	83	0.00
33 M	Carbon Tetrachloride	0.645	0.596	7.6	83	0.00
34 M	Benzene	1.692	1.628	3.8	86	0.00
35	Methacrylonitrile	0.406	0.383	5.7	89	0.00
36 M	1,2-Dichloroethane	0.715	0.706	1.3	87	0.00
37 M	Trichloroethene	0.408	0.373	8.6	84	0.00
38	Methylcyclohexane	0.683	0.641	6.1	86	0.00
39 M	1,2-Dichloropropane	0.465	0.458	1.5	89	0.00
40	Dibromomethane	0.319	0.319	0.0	90	0.00
41 M	Bromodichloromethane	0.683	0.682	0.1	89	0.00
42 M	Vinyl Acetate	1.347	1.358	-0.8	90	0.00
43	Ethyl Acetate	0.793	0.844	-6.4	93	0.00
44	Isopropyl Acetate	1.315	1.311	0.3	89	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	91	0.00
46	Methyl methacrylate	0.588	0.575	2.2	90	0.00
47	n-amyl Acetate	1.007	0.927	7.9	89	0.00
48 M	t-1,3-Dichloropropene	0.779	0.731	6.2	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.791	0.758	4.2	88	0.00
50 M	1,1,2-Trichloroethane	0.451	0.442	2.0	86	0.00
51	Ethyl methacrylate	0.817	0.817	0.0	91	0.00
52	1,3-Dichloropropane	0.803	0.809	-0.7	88	0.00
53 M	Dibromochloromethane	0.498	0.483	3.0	88	0.00
54 M	1,2-Dibromoethane	0.474	0.466	1.7	88	0.00
55 M	2-Chloroethyl vinyl ether	0.320	0.316	1.3	96	0.00
56 M	Bromoform	0.347	0.330	4.9	89	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	0.900	0.936	-4.0	92	0.00
59 M	2-Hexanone	0.682	0.702	-2.9	92	0.00
60 S	4-Bromofluorobenzene	0.617	0.594	3.7	88	0.00
61 M	Tetrachloroethene	0.371	0.379	-2.2	90	0.00
62 M	Toluene	2.034	1.991	2.1	87	0.00
63 S	Toluene-d8	1.662	1.672	-0.6	86	0.00
64 M	Chlorobenzene	1.238	1.205	2.7	88	0.00
65	1,1,1,2-Tetrachloroethane	0.488	0.474	2.9	84	0.00
66 M	Ethyl Benzene	2.335	2.230	4.5	86	0.00
67 M	m/p-Xylenes	0.852	0.808	5.2	86	0.00
68 M	o-Xylene	0.869	0.836	3.8	86	0.00
69 M	Styrene	1.379	1.307	5.2	89	0.00
70	Isopropylbenzene	2.271	2.148	5.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.769	0.793	-3.1	92	0.00
72	1,2,3-Trichloropropane	0.671	0.669	0.3	80	0.00
73	Bromobenzene	0.462	0.434	6.1	86	0.00
74	n-propylbenzene	2.598	2.378	8.5	86	0.00
75	2-Chlorotoluene	1.611	1.515	6.0	87	0.00
76	1,3,5-Trimethylbenzene	1.864	1.783	4.3	88	0.00
77	t-1,4-Dichloro-2-butene	0.283	0.268	5.3	90	0.00
78	4-Chlorotoluene	1.522	1.385	9.0	86	0.00
79	tert-butylbenzene	1.664	1.558	6.4	85	0.00
80	1,2,4-Trimethylbenzene	2.247	2.111	6.1	88	0.00
81	sec-Butylbenzene	2.247	2.111	6.1	88	0.00
82	p-Isopropyltoluene	1.794	1.643	8.4	88	0.00
83 M	1,3-Dichlorobenzene	0.808	0.724	10.4	87	0.00
84 M	1,4-Dichlorobenzene	0.785	0.715	8.9	87	0.00
85	n-Butylbenzene	1.521	1.352	11.1	88	0.00
86 T	Hexachloroethane	0.397	0.370	6.8	86	0.00
87 M	1,2-Dichlorobenzene	0.800	0.750	6.3	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.193	0.185	4.1	88	0.00
89	1,2,4-Trichlorobenzene	0.403	0.361	10.4	89	0.00
90	Hexachlorobutadiene	0.181	0.168	7.2	85	0.00
91 M	Naphthalene	1.608	1.435	10.8	89	0.00
92	1,2,3-Trichlorobenzene	0.410	0.383	6.6	94	0.00

(#) = Out of Range

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