

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071620\
 Data File : VN062551.D
 Acq On : 16 Jul 2020 16:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 16 18:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	88	0.00
2 M	Dichlorodifluoromethane	1.771	1.591	10.2	80	0.00
3 M	Chloromethane	2.557	2.237	12.5	79	0.00
4 M	Vinyl Chloride	2.235	2.026	9.4	81	0.00
5 M	Bromomethane	1.109	0.967	12.8	83	0.00
6 M	Chloroethane	1.100	0.992	9.8	79	0.00
7 M	Trichlorofluoromethane	2.619	2.536	3.2	83	0.00
8 T	Diethyl Ether	1.259	1.139	9.5	80	0.00
9	1,1,2-Trichlorotrifluoroeth	1.693	1.555	8.2	82	0.00
10 M	1,1-Dichloroethene	1.728	1.579	8.6	82	0.00
11	Methyl Iodide	2.116	1.960	7.4	85	0.00
12	Methyl Acetate	2.317	2.198	5.1	86	0.00
13 M	Acrolein	0.346	0.342	1.2	86	0.00
14 M	Acrylonitrile	1.078	0.984	8.7	83	0.00
15 M	Acetone	0.331	0.264	20.2	60	0.00
16 M	Carbon Disulfide	5.630	4.871	13.5	79	0.00
17	Allyl chloride	3.674	3.399	7.5	79	0.00
18 M	Methylene Chloride	2.126	2.003	5.8	83	0.00
19 M	trans-1,2-Dichloroethene	1.912	1.715	10.3	81	0.00
20 T	Diisopropyl ether	7.553	6.972	7.7	81	0.00
21 M	1,1-Dichloroethane	3.993	3.739	6.4	83	0.00
22 M	cis-1,2-Dichloroethene	2.156	1.942	9.9	81	0.00
23 M	tert-Butyl Alcohol	0.361	0.326	9.7	79	0.00
24 M	Methyl tert-Butyl Ether	6.369	5.667	11.0	80	0.00
25 M	Chloroform	3.662	3.413	6.8	83	0.00
26	Cyclohexane	3.520	3.098	12.0	79	0.00
27 s	1,2-Dichloroethane-d4	2.577	2.582	-0.2	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.509	0.472	7.3	83	0.00
30 M	2-Butanone	0.270	0.247	8.5	75	0.00
31	2,2-Dichloropropane	0.574	0.528	8.0	80	0.00
32 M	1,1,1-Trichloroethane	0.547	0.520	4.9	83	0.00
33 M	Carbon Tetrachloride	0.474	0.439	7.4	82	0.00
34 M	Benzene	1.512	1.416	6.3	82	0.00
35	Methacrylonitrile	0.237	0.194	18.1	69	0.00
36 M	1,2-Dichloroethane	0.543	0.518	4.6	84	0.00
37 M	Trichloroethene	0.340	0.312	8.2	81	0.00
38	Methylcyclohexane	0.571	0.488	14.5	77	0.00
39 M	1,2-Dichloropropane	0.431	0.403	6.5	82	0.00
40	Dibromomethane	0.248	0.237	4.4	83	0.00
41 M	Bromodichloromethane	0.526	0.493	6.3	82	0.00
42 M	Vinyl Acetate	1.121	1.029	8.2	79	0.00
43	Ethyl Acetate	0.543	0.476	12.3	77	0.00
44	Isopropyl Acetate	0.910	0.826	9.2	80	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.432	0.385	10.9	79	0.00
47	n-amyl Acetate	0.767	0.675	12.0	80	0.00
48 M	t-1,3-Dichloropropene	0.614	0.553	9.9	81	0.00
49 T	cis-1,3-Dichloropropene	0.663	0.602	9.2	81	0.00
50 M	1,1,2-Trichloroethane	0.348	0.326	6.3	81	0.00
51	Ethyl methacrylate	0.586	0.508	13.3	78	0.00
52	1,3-Dichloropropane	0.639	0.591	7.5	81	0.00
53 M	Dibromochloromethane	0.379	0.351	7.4	81	0.00
54 M	1,2-Dibromoethane	0.356	0.325	8.7	82	0.00
55 M	2-Chloroethyl vinyl ether	0.187	0.200	-7.0	97	0.00
56 M	Bromoform	0.259	0.240	7.3	83	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	0.584	0.558	4.5	81	0.00
59 M	2-Hexanone	0.429	0.398	7.2	79	0.00
60 S	4-Bromofluorobenzene	0.511	0.507	0.8	89	0.00
61 M	Tetrachloroethene	0.307	0.289	5.9	82	0.00
62 M	Toluene	1.702	1.572	7.6	80	0.00
63 S	Toluene-d8	1.418	1.421	-0.2	87	0.00
64 M	Chlorobenzene	1.000	0.922	7.8	83	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.340	8.1	81	0.00
66 M	Ethyl Benzene	1.885	1.706	9.5	80	0.00
67 M	m/p-Xylenes	0.684	0.628	8.2	82	0.00
68 M	o-Xylene	0.656	0.594	9.5	81	0.00
69 M	Styrene	1.114	0.994	10.8	80	0.00
70	Isopropylbenzene	1.762	1.620	8.1	82	0.00
71 M	1,1,2,2-Tetrachloroethane	0.570	0.545	4.4	84	0.00
72	1,2,3-Trichloropropane	0.554	0.480	13.4	76	0.00
73	Bromobenzene	0.408	0.376	7.8	83	0.00
74	n-propylbenzene	2.095	1.865	11.0	81	0.00
75	2-Chlorotoluene	1.261	1.143	9.4	81	0.00
76	1,3,5-Trimethylbenzene	1.502	1.340	10.8	82	0.00
77	t-1,4-Dichloro-2-butene	0.207	0.173	16.4	76	0.00
78	4-Chlorotoluene	1.287	1.147	10.9	81	0.00
79	tert-butylbenzene	1.243	1.111	10.6	80	0.00
80	1,2,4-Trimethylbenzene	1.477	1.289	12.7	79	0.00
81	sec-Butylbenzene	1.670	1.483	11.2	81	0.00
82	p-Isopropyltoluene	1.474	1.262	14.4	79	0.00
83 M	1,3-Dichlorobenzene	0.709	0.625	11.8	81	0.00
84 M	1,4-Dichlorobenzene	0.699	0.604	13.6	81	0.00
85	n-Butylbenzene	1.264	1.000	20.9	77	0.00
86 T	Hexachloroethane	0.284	0.265	6.7	86	0.00
87 M	1,2-Dichlorobenzene	0.682	0.621	8.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.100	7.4	82	0.00
89	1,2,4-Trichlorobenzene	0.339	0.266	21.5	77	0.00
90	Hexachlorobutadiene	0.188	0.176	6.4	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.920	0.676	26.5	72	0.00
92	1,2,3-Trichlorobenzene	0.342	0.277	19.0	78	0.00

(#) = Out of Range

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