

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071320\
 Data File : VN062518.D
 Acq On : 13 Jul 2020 16:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 01:21:49 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	94	0.00
2 M	Dichlorodifluoromethane	1.771	1.806	-2.0	96	0.00
3 M	Chloromethane	2.557	2.557	0.0	96	0.00
4 M	Vinyl Chloride	2.235	2.233	0.1	95	0.00
5 M	Bromomethane	1.109	0.977	11.9	89	0.00
6 M	Chloroethane	1.100	1.044	5.1	89	0.00
7 M	Trichlorofluoromethane	2.619	2.483	5.2	87	0.00
8 T	Diethyl Ether	1.259	1.241	1.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.693	1.669	1.4	93	0.00
10 M	1,1-Dichloroethene	1.728	1.696	1.9	93	0.00
11	Methyl Iodide	2.116	2.003	5.3	93	0.00
12	Methyl Acetate	2.317	2.151	7.2	89	0.00
13 M	Acrolein	0.346	0.310	10.4	83	0.00
14 M	Acrylonitrile	1.078	0.998	7.4	89	0.00
15 M	Acetone	0.331	0.257	22.4	62	0.00
16 M	Carbon Disulfide	5.630	5.421	3.7	93	0.00
17	Allyl chloride	3.674	3.354	8.7	83	0.00
18 M	Methylene Chloride	2.126	2.078	2.3	91	0.00
19 M	trans-1,2-Dichloroethene	1.912	1.857	2.9	93	0.00
20 T	Diisopropyl ether	7.553	7.491	0.8	93	0.00
21 M	1,1-Dichloroethane	3.993	3.914	2.0	92	0.00
22 M	cis-1,2-Dichloroethene	2.156	2.128	1.3	94	0.00
23 M	tert-Butyl Alcohol	0.361	0.343	5.0	88	0.00
24 M	Methyl tert-Butyl Ether	6.369	6.168	3.2	92	0.00
25 M	Chloroform	3.662	3.587	2.0	93	0.00
26	Cyclohexane	3.520	3.496	0.7	95	0.00
27 s	1,2-Dichloroethane-d4	2.577	2.453	4.8	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.509	0.515	-1.2	95	0.00
30 M	2-Butanone	0.270	0.246	8.9	79	0.00
31	2,2-Dichloropropane	0.574	0.564	1.7	90	0.00
32 M	1,1,1-Trichloroethane	0.547	0.552	-0.9	93	0.00
33 M	Carbon Tetrachloride	0.474	0.469	1.1	92	0.00
34 M	Benzene	1.512	1.536	-1.6	94	0.00
35	Methacrylonitrile	0.237	0.276	-16.5	103	0.00
36 M	1,2-Dichloroethane	0.543	0.550	-1.3	95	0.00
37 M	Trichloroethene	0.340	0.342	-0.6	94	0.00
38	Methylcyclohexane	0.571	0.571	0.0	95	0.00
39 M	1,2-Dichloropropane	0.431	0.433	-0.5	93	0.00
40	Dibromomethane	0.248	0.247	0.4	92	0.00
41 M	Bromodichloromethane	0.526	0.525	0.2	93	0.00
42 M	Vinyl Acetate	1.121	1.122	-0.1	91	0.00
43	Ethyl Acetate	0.543	0.523	3.7	89	0.00
44	Isopropyl Acetate	0.910	0.891	2.1	92	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	84	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.432	0.408	5.6	88	0.00
47	n-amyl Acetate	0.767	0.716	6.6	90	0.00
48 M	t-1,3-Dichloropropene	0.614	0.602	2.0	93	0.00
49 T	cis-1,3-Dichloropropene	0.663	0.660	0.5	94	0.00
50 M	1,1,2-Trichloroethane	0.348	0.351	-0.9	92	0.00
51	Ethyl methacrylate	0.586	0.569	2.9	92	0.00
52	1,3-Dichloropropane	0.639	0.630	1.4	91	0.00
53 M	Dibromochloromethane	0.379	0.378	0.3	92	0.00
54 M	1,2-Dibromoethane	0.356	0.352	1.1	94	0.00
55 M	2-Chloroethyl vinyl ether	0.187	0.184	1.6	95	0.00
56 M	Bromoform	0.259	0.256	1.2	93	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.584	0.577	1.2	88	0.00
59 M	2-Hexanone	0.429	0.404	5.8	84	0.00
60 S	4-Bromofluorobenzene	0.511	0.504	1.4	93	0.00
61 M	Tetrachloroethene	0.307	0.317	-3.3	95	0.00
62 M	Toluene	1.702	1.742	-2.4	93	0.00
63 S	Toluene-d8	1.418	1.441	-1.6	92	0.00
64 M	Chlorobenzene	1.000	1.017	-1.7	96	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.375	-1.4	94	0.00
66 M	Ethyl Benzene	1.885	1.880	0.3	93	0.00
67 M	m/p-Xylenes	0.684	0.690	-0.9	95	0.00
68 M	o-Xylene	0.656	0.652	0.6	93	0.00
69 M	Styrene	1.114	1.096	1.6	93	0.00
70	Isopropylbenzene	1.762	1.771	-0.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.570	0.571	-0.2	93	0.00
72	1,2,3-Trichloropropane	0.554	0.497	10.3	83	0.00
73	Bromobenzene	0.408	0.405	0.7	94	0.00
74	n-propylbenzene	2.095	2.102	-0.3	96	0.00
75	2-Chlorotoluene	1.261	1.269	-0.6	95	0.00
76	1,3,5-Trimethylbenzene	1.502	1.503	-0.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.207	0.195	5.8	90	0.00
78	4-Chlorotoluene	1.287	1.280	0.5	95	0.00
79	tert-butylbenzene	1.243	1.252	-0.7	95	0.00
80	1,2,4-Trimethylbenzene	1.477	1.447	2.0	93	0.00
81	sec-Butylbenzene	1.670	1.663	0.4	96	0.00
82	p-Isopropyltoluene	1.474	1.454	1.4	96	0.00
83 M	1,3-Dichlorobenzene	0.709	0.702	1.0	95	0.00
84 M	1,4-Dichlorobenzene	0.699	0.684	2.1	96	0.00
85	n-Butylbenzene	1.264	1.185	6.2	96	0.00
86 T	Hexachloroethane	0.284	0.273	3.9	93	0.00
87 M	1,2-Dichlorobenzene	0.682	0.690	-1.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.103	4.6	89	0.00
89	1,2,4-Trichlorobenzene	0.339	0.318	6.2	97	0.00
90	Hexachlorobutadiene	0.188	0.192	-2.1	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.920	0.845	8.2	95	0.00
92	1,2,3-Trichlorobenzene	0.342	0.331	3.2	98	0.00

(#) = Out of Range

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