

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100620\
 Data File : VN063908.D
 Acq On : 6 Oct 2020 21:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 07 04:47:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 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	104	0.00
2 M	Dichlorodifluoromethane	2.031	1.929	5.0	87	0.00
3 M	Chloromethane	2.101	1.909	9.1	86	0.00
4 M	Vinyl Chloride	2.090	1.916	8.3	87	0.00
5 M	Bromomethane	1.345	1.010	24.9	73	0.01
6 M	Chloroethane	1.311	1.137	13.3	84	0.01
7 M	Trichlorofluoromethane	3.300	3.027	8.3	89	0.01
8 T	Diethyl Ether	1.068	0.929	13.0	87	0.00
9	1,1,2-Trichlorotrifluoroeth	1.715	1.504	12.3	84	0.00
10 M	1,1-Dichloroethene	1.610	1.448	10.1	89	0.00
11	Methyl Iodide	2.054	1.428	30.5#	69	0.00
12	Methyl Acetate	1.981	1.690	14.7	83	0.00
13 M	Acrolein	0.193	0.199	-3.1	125	0.00
14 M	Acrylonitrile	0.815	0.640	21.5	80	0.00
15 M	Acetone	0.236	0.182	22.9	76	0.00
16 M	Carbon Disulfide	4.774	4.181	12.4	87	0.00
17	Allyl chloride	2.996	2.708	9.6	84	0.00
18 M	Methylene Chloride	1.930	1.707	11.6	85	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.595	12.3	90	0.00
20 T	Diisopropyl ether	6.023	5.208	13.5	86	0.00
21 M	1,1-Dichloroethane	3.646	3.235	11.3	86	0.00
22 M	cis-1,2-Dichloroethene	2.064	1.823	11.7	90	0.00
23 M	tert-Butyl Alcohol	0.349	0.231	33.8#	65	-0.01
24 M	Methyl tert-Butyl Ether	5.401	4.709	12.8	85	0.00
25 M	Chloroform	3.823	3.335	12.8	85	0.00
26	Cyclohexane	2.626	2.309	12.1	89	0.00
27 s	1,2-Dichloroethane-d4	2.694	2.700	-0.2	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.525	0.433	17.5	83	0.00
30 M	2-Butanone	0.258	0.192	25.6	76	0.00
31	2,2-Dichloropropane	0.628	0.477	24.0	75	0.00
32 M	1,1,1-Trichloroethane	0.670	0.572	14.6	85	0.00
33 M	Carbon Tetrachloride	0.587	0.487	17.0	83	0.00
34 M	Benzene	1.494	1.279	14.4	86	0.00
35	Methacrylonitrile	0.245	0.203	17.1	90	0.00
36 M	1,2-Dichloroethane	0.656	0.557	15.1	85	0.00
37 M	Trichloroethene	0.391	0.341	12.8	90	0.00
38	Methylcyclohexane	0.444	0.370	16.7	86	0.00
39 M	1,2-Dichloropropane	0.406	0.348	14.3	85	0.00
40	Dibromomethane	0.283	0.234	17.3	81	0.00
41 M	Bromodichloromethane	0.589	0.496	15.8	86	0.00
42 M	Vinyl Acetate	1.069	0.872	18.4	83	0.00
43	Ethyl Acetate	0.552	0.433	21.6	83	0.00
44	Isopropyl Acetate	0.915	0.727	20.5	81	0.00
45 T	1,4-Dioxane	0.006	0.004#	33.3#	71	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.455	0.363	20.2	80	0.00
47	n-amyl Acetate	0.813	0.593	27.1	78	0.00
48 M	t-1,3-Dichloropropene	0.637	0.508	20.3	81	0.00
49 T	cis-1,3-Dichloropropene	0.660	0.537	18.6	85	0.00
50 M	1,1,2-Trichloroethane	0.379	0.309	18.5	83	0.00
51	Ethyl methacrylate	0.549	0.430	21.7	82	0.00
52	1,3-Dichloropropane	0.648	0.538	17.0	85	0.00
53 M	Dibromochloromethane	0.436	0.349	20.0	81	0.00
54 M	1,2-Dibromoethane	0.397	0.324	18.4	82	0.00
55 M	2-Chloroethyl vinyl ether	0.293	0.231	21.2	87	0.00
56 M	Bromoform	0.302	0.239	20.9	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.457	21.5	76	0.00
59 M	2-Hexanone	0.434	0.325	25.1	74	0.00
60 S	4-Bromofluorobenzene	0.513	0.497	3.1	104	0.00
61 M	Tetrachloroethene	0.381	0.331	13.1	82	0.00
62 M	Toluene	1.723	1.503	12.8	86	0.00
63 S	Toluene-d8	1.360	1.377	-1.2	104	0.00
64 M	Chlorobenzene	1.044	0.910	12.8	86	0.00
65	1,1,1,2-Tetrachloroethane	0.408	0.351	14.0	85	0.00
66 M	Ethyl Benzene	1.892	1.652	12.7	87	0.00
67 M	m/p-Xylenes	0.704	0.609	13.5	86	0.00
68 M	o-Xylene	0.670	0.566	15.5	85	0.00
69 M	Styrene	1.144	0.956	16.4	85	0.00
70	Isopropylbenzene	1.781	1.528	14.2	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.472	16.2	84	0.00
72	1,2,3-Trichloropropane	0.574	0.452	21.3	76	0.00
73	Bromobenzene	0.451	0.380	15.7	86	0.00
74	n-propylbenzene	2.082	1.762	15.4	85	0.00
75	2-Chlorotoluene	1.270	1.100	13.4	87	0.00
76	1,3,5-Trimethylbenzene	1.502	1.298	13.6	87	0.00
77	t-1,4-Dichloro-2-butene	0.204	0.143	29.9	73	0.00
78	4-Chlorotoluene	1.345	1.127	16.2	84	0.00
79	tert-butylbenzene	1.203	1.031	14.3	87	0.00
80	1,2,4-Trimethylbenzene	1.506	1.266	15.9	84	0.00
81	sec-Butylbenzene	1.582	1.332	15.8	85	0.00
82	p-Isopropyltoluene	1.430	1.180	17.5	85	0.00
83 M	1,3-Dichlorobenzene	0.803	0.666	17.1	85	0.00
84 M	1,4-Dichlorobenzene	0.798	0.646	19.0	83	0.00
85	n-Butylbenzene	1.251	0.973	22.2	81	0.00
86 T	Hexachloroethane	0.246	0.202	17.9	85	0.00
87 M	1,2-Dichlorobenzene	0.788	0.654	17.0	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.095	29.6	70	0.00
89	1,2,4-Trichlorobenzene	0.400	0.303	24.3	79	0.00
90	Hexachlorobutadiene	0.212	0.186	12.3	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.225	0.897	26.8	74	0.00
92	1,2,3-Trichlorobenzene	0.390	0.302	22.6	79	0.00

(#) = Out of Range

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