

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100920\
 Data File : VN064048.D
 Acq On : 9 Oct 2020 19:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 10 02:21:58 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	101	0.00
2 M	Dichlorodifluoromethane	2.031	1.732	14.7	75	0.00
3 M	Chloromethane	2.101	1.963	6.6	86	0.00
4 M	Vinyl Chloride	2.090	1.815	13.2	80	0.00
5 M	Bromomethane	1.345	0.996	25.9	70	0.00
6 M	Chloroethane	1.311	1.117	14.8	80	0.00
7 M	Trichlorofluoromethane	3.300	2.694	18.4	77	0.00
8 T	Diethyl Ether	1.068	0.874	18.2	79	0.00
9	1,1,2-Trichlorotrifluoroeth	1.715	1.402	18.3	76	0.00
10 M	1,1-Dichloroethene	1.610	1.325	17.7	78	0.00
11	Methyl Iodide	2.054	1.688	17.8	78	0.00
12	Methyl Acetate	1.981	1.834	7.4	87	0.00
13 M	Acrolein	0.193	0.172	10.9	104	0.00
14 M	Acrylonitrile	0.815	0.719	11.8	86	0.00
15 M	Acetone	0.236	0.193	18.2	78	0.00
16 M	Carbon Disulfide	4.774	3.966	16.9	79	0.00
17	Allyl chloride	2.996	2.471	17.5	74	0.00
18 M	Methylene Chloride	1.930	1.714	11.2	83	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.508	17.1	82	0.00
20 T	Diisopropyl ether	6.023	5.241	13.0	84	0.00
21 M	1,1-Dichloroethane	3.646	3.105	14.8	80	0.00
22 M	cis-1,2-Dichloroethene	2.064	1.688	18.2	80	0.00
23 M	tert-Butyl Alcohol	0.349	0.272	22.1	74	-0.02
24 M	Methyl tert-Butyl Ether	5.401	4.299	20.4	75	0.00
25 M	Chloroform	3.823	3.290	13.9	81	0.00
26	Cyclohexane	2.626	2.080	20.8	78	0.00
27 s	1,2-Dichloroethane-d4	2.694	2.656	1.4	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.525	0.439	16.4	75	0.00
30 M	2-Butanone	0.258	0.227	12.0	81	0.00
31	2,2-Dichloropropane	0.628	0.505	19.6	71	0.00
32 M	1,1,1-Trichloroethane	0.670	0.558	16.7	74	0.00
33 M	Carbon Tetrachloride	0.587	0.479	18.4	73	0.00
34 M	Benzene	1.494	1.334	10.7	80	0.00
35	Methacrylonitrile	0.245	0.234	4.5	93	0.00
36 M	1,2-Dichloroethane	0.656	0.554	15.5	76	0.00
37 M	Trichloroethene	0.391	0.327	16.4	77	0.00
38	Methylcyclohexane	0.444	0.345	22.3	72	0.00
39 M	1,2-Dichloropropane	0.406	0.368	9.4	80	0.00
40	Dibromomethane	0.283	0.242	14.5	75	0.00
41 M	Bromodichloromethane	0.589	0.503	14.6	78	0.00
42 M	Vinyl Acetate	1.069	0.949	11.2	81	0.00
43	Ethyl Acetate	0.552	0.485	12.1	83	0.00
44	Isopropyl Acetate	0.915	0.805	12.0	80	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	74	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.455	0.403	11.4	80	0.00
47	n-amyl Acetate	0.813	0.628	22.8	74	0.00
48 M	t-1,3-Dichloropropene	0.637	0.509	20.1	73	0.00
49 T	cis-1,3-Dichloropropene	0.660	0.559	15.3	79	0.00
50 M	1,1,2-Trichloroethane	0.379	0.337	11.1	81	0.00
51	Ethyl methacrylate	0.549	0.452	17.7	77	0.00
52	1,3-Dichloropropane	0.648	0.569	12.2	81	0.00
53 M	Dibromochloromethane	0.436	0.364	16.5	75	0.00
54 M	1,2-Dibromoethane	0.397	0.346	12.8	79	0.00
55 M	2-Chloroethyl vinyl ether	0.293	0.256	12.6	86	0.00
56 M	Bromoform	0.302	0.251	16.9	79	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.534	8.2	81	0.00
59 M	2-Hexanone	0.434	0.374	13.8	78	0.00
60 S	4-Bromofluorobenzene	0.513	0.506	1.4	97	0.00
61 M	Tetrachloroethene	0.381	0.315	17.3	72	0.00
62 M	Toluene	1.723	1.508	12.5	79	0.00
63 S	Toluene-d8	1.360	1.413	-3.9	98	0.00
64 M	Chlorobenzene	1.044	0.872	16.5	76	0.00
65	1,1,1,2-Tetrachloroethane	0.408	0.351	14.0	78	0.00
66 M	Ethyl Benzene	1.892	1.537	18.8	75	0.00
67 M	m/p-Xylenes	0.704	0.585	16.9	76	0.00
68 M	o-Xylene	0.670	0.550	17.9	76	0.00
69 M	Styrene	1.144	0.930	18.7	76	0.00
70	Isopropylbenzene	1.781	1.472	17.3	76	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.508	9.8	83	0.00
72	1,2,3-Trichloropropane	0.574	0.525	8.5	81	0.00
73	Bromobenzene	0.451	0.362	19.7	76	0.00
74	n-propylbenzene	2.082	1.670	19.8	74	0.00
75	2-Chlorotoluene	1.270	1.058	16.7	77	0.00
76	1,3,5-Trimethylbenzene	1.502	1.213	19.2	75	0.00
77	t-1,4-Dichloro-2-butene	0.204	0.158	22.5	74	0.00
78	4-Chlorotoluene	1.345	1.113	17.2	76	0.00
79	tert-butylbenzene	1.203	0.961	20.1	75	0.00
80	1,2,4-Trimethylbenzene	1.506	1.210	19.7	74	0.00
81	sec-Butylbenzene	1.582	1.252	20.9	74	0.00
82	p-Isopropyltoluene	1.430	1.111	22.3	74	0.00
83 M	1,3-Dichlorobenzene	0.803	0.634	21.0	74	0.00
84 M	1,4-Dichlorobenzene	0.798	0.609	23.7	72	0.00
85	n-Butylbenzene	1.251	0.919	26.5	70	0.00
86 T	Hexachloroethane	0.246	0.198	19.5	77	0.00
87 M	1,2-Dichlorobenzene	0.788	0.625	20.7	73	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.106	21.5	73	0.00
89	1,2,4-Trichlorobenzene	0.400	0.250	37.5#	60	0.00
90	Hexachlorobutadiene	0.212	0.166	21.7	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.225	0.775	36.7#	59	0.00
92	1,2,3-Trichlorobenzene	0.390	0.276	29.2	66	0.00

(#) = Out of Range

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