

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061020\
 Data File : VN061734.D
 Acq On : 10 Jun 2020 13:38
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Quant Time: Jun 11 03:07:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 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	107	0.00
2 M	Dichlorodifluoromethane	1.240	1.217	1.9	110	0.00
3 M	Chloromethane	1.482	1.527	-3.0	112	0.00
4 M	Vinyl Chloride	2.069	1.998	3.4	107	0.00
5 M	Bromomethane	1.356	1.316	2.9	105	0.00
6 M	Chloroethane	1.446	1.356	6.2	106	0.00
7 M	Trichlorofluoromethane	2.994	2.852	4.7	99	0.00
8 T	Diethyl Ether	0.934	0.893	4.4	113	0.00
9	1,1,2-Trichlorotrifluoroeth	1.531	1.482	3.2	114	0.00
10 M	1,1-Dichloroethene	1.509	1.438	4.7	112	0.00
11	Methyl Iodide	2.056	2.042	0.7	116	0.00
12	Methyl Acetate	1.200	1.120	6.7	114	0.00
13 M	Acrolein	0.161	0.159	1.2	126	0.00
14 M	Acrylonitrile	0.620	0.555	10.5	110	0.00
15 M	Acetone	0.185	0.190	-2.7	118	0.00
16 M	Carbon Disulfide	3.125	3.420	-9.4	108	0.00
17	Allyl chloride	1.719	1.602	6.8	105	0.00
18 M	Methylene Chloride	1.731	1.588	8.3	109	0.00
19 M	trans-1,2-Dichloroethene	1.678	1.612	3.9	114	0.00
20 T	Diisopropyl ether	4.106	3.840	6.5	112	0.00
21 M	1,1-Dichloroethane	2.730	2.480	9.2	107	0.00
22 M	cis-1,2-Dichloroethene	1.968	1.808	8.1	112	0.00
23 M	tert-Butyl Alcohol	0.240	0.233	2.9	121	0.00
24 M	Methyl tert-Butyl Ether	4.809	4.386	8.8	112	0.00
25 M	Chloroform	3.092	2.840	8.2	111	0.00
26	Cyclohexane	2.084	2.044	1.9	116	0.00
27 s	1,2-Dichloroethane-d4	1.871	1.818	2.8	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29	1,1-Dichloropropene	0.403	0.382	5.2	112	0.00
30 M	2-Butanone	0.140	0.130	7.1	111	0.00
31	2,2-Dichloropropane	0.472	0.435	7.8	109	0.00
32 M	1,1,1-Trichloroethane	0.515	0.475	7.8	110	0.00
33 M	Carbon Tetrachloride	0.419	0.382	8.8	112	0.00
34 M	Benzene	1.257	1.170	6.9	110	0.00
35	Methacrylonitrile	0.130	0.109	16.2	87	-0.02
36 M	1,2-Dichloroethane	0.406	0.360	11.3	108	0.00
37 M	Trichloroethene	0.392	0.357	8.9	109	0.00
38	Methylcyclohexane	0.451	0.439	2.7	115	0.00
39 M	1,2-Dichloropropane	0.301	0.275	8.6	111	0.00
40	Dibromomethane	0.226	0.206	8.8	110	0.00
41 M	Bromodichloromethane	0.458	0.416	9.2	110	0.00
42 M	Vinyl Acetate	0.576	0.541	6.1	111	0.00
43	Ethyl Acetate	0.284	0.246	13.4	115	0.00
44	Isopropyl Acetate	0.513	0.456	11.1	109	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	125	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.223	0.194	13.0	113	0.00
47	n-amyl Acetate	0.435	0.374	14.0	115	0.00
48 M	t-1,3-Dichloropropene	0.478	0.431	9.8	114	0.00
49 T	cis-1,3-Dichloropropene	0.522	0.472	9.6	111	0.00
50 M	1,1,2-Trichloroethane	0.328	0.295	10.1	111	0.00
51	Ethyl methacrylate	0.426	0.383	10.1	115	0.00
52	1,3-Dichloropropane	0.522	0.476	8.8	112	0.00
53 M	Dibromochloromethane	0.387	0.339	12.4	109	0.00
54 M	1,2-Dibromoethane	0.344	0.312	9.3	111	0.00
55 M	2-Chloroethyl vinyl ether	0.162	0.147	9.3	126	0.00
56 M	Bromoform	0.270	0.233	13.7	112	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.310	0.290	6.5	111	0.00
59 M	2-Hexanone	0.225	0.213	5.3	114	0.00
60 S	4-Bromofluorobenzene	0.442	0.440	0.5	108	0.00
61 M	Tetrachloroethene	0.458	0.422	7.9	105	0.00
62 M	Toluene	1.506	1.434	4.8	109	0.00
63 S	Toluene-d8	1.274	1.279	-0.4	106	0.00
64 M	Chlorobenzene	0.969	0.908	6.3	110	0.00
65	1,1,1,2-Tetrachloroethane	0.369	0.347	6.0	111	0.00
66 M	Ethyl Benzene	1.649	1.562	5.3	112	0.00
67 M	m/p-Xylenes	0.656	0.615	6.3	110	0.00
68 M	o-Xylene	0.619	0.586	5.3	110	0.00
69 M	Styrene	1.049	0.956	8.9	111	0.00
70	Isopropylbenzene	1.636	1.556	4.9	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.435	0.398	8.5	108	0.00
72	1,2,3-Trichloropropane	0.410	0.366	10.7	106	0.00
73	Bromobenzene	0.442	0.419	5.2	114	0.00
74	n-propylbenzene	1.850	1.746	5.6	111	0.00
75	2-Chlorotoluene	1.090	1.029	5.6	113	0.00
76	1,3,5-Trimethylbenzene	1.364	1.291	5.4	112	0.00
77	t-1,4-Dichloro-2-butene	0.148	0.135	8.8	111	0.00
78	4-Chlorotoluene	1.136	1.053	7.3	111	0.00
79	tert-butylbenzene	1.180	1.105	6.4	113	0.00
80	1,2,4-Trimethylbenzene	1.372	1.281	6.6	110	0.00
81	sec-Butylbenzene	1.524	1.440	5.5	112	0.00
82	p-Isopropyltoluene	1.415	1.315	7.1	111	0.00
83 M	1,3-Dichlorobenzene	0.789	0.714	9.5	109	0.00
84 M	1,4-Dichlorobenzene	0.775	0.704	9.2	110	0.00
85	n-Butylbenzene	1.169	1.078	7.8	113	0.00
86 T	Hexachloroethane	0.193	0.183	5.2	125	0.00
87 M	1,2-Dichlorobenzene	0.749	0.692	7.6	109	0.00
88	1,2-Dibromo-3-Chloropropane	0.081	0.070	13.6	105	0.00
89	1,2,4-Trichlorobenzene	0.439	0.399	9.1	114	0.00
90	Hexachlorobutadiene	0.191	0.181	5.2	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.220	1.083	11.2	113	0.00
92	1,2,3-Trichlorobenzene	0.430	0.389	9.5	111	0.00

(#) = Out of Range

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