

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102320\
 Data File : VN064286.D
 Acq On : 23 Oct 2020 14:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

Quant Time: Oct 23 16:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 15:14:21 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	87	0.00
2 M	Dichlorodifluoromethane	1.952	1.966	-0.7	76	0.00
3 M	Chloromethane	2.061	2.019	2.0	78	0.00
4 M	Vinyl Chloride	2.071	2.034	1.8	81	0.00
5 M	Bromomethane	1.359	1.301	4.3	77	0.00
6 M	Chloroethane	1.214	1.157	4.7	78	0.00
7 M	Trichlorofluoromethane	3.502	3.240	7.5	76	0.00
8 T	Diethyl Ether	1.154	1.038	10.1	75	0.00
9	1,1,2-Trichlorotrifluoroeth	1.746	1.729	1.0	79	0.00
10 M	1,1-Dichloroethene	1.674	1.579	5.7	76	0.00
11	Methyl Iodide	2.399	2.191	8.7	79	0.00
12	Methyl Acetate	1.958	1.753	10.5	74	-0.01
13 M	Acrolein	0.161	0.131	18.6	79	0.00
14 M	Acrylonitrile	0.758	0.655	13.6	73	0.00
15 M	Acetone	0.243	0.233	4.1	78	0.00
16 M	Carbon Disulfide	4.850	4.575	5.7	79	0.00
17	Allyl chloride	3.209	3.128	2.5	84	0.00
18 M	Methylene Chloride	1.957	1.794	8.3	78	0.00
19 M	trans-1,2-Dichloroethene	1.903	1.725	9.4	75	0.00
20 T	Diisopropyl ether	6.115	5.644	7.7	76	0.00
21 M	1,1-Dichloroethane	3.647	3.438	5.7	77	0.00
22 M	cis-1,2-Dichloroethene	2.183	2.029	7.1	77	0.00
23 M	tert-Butyl Alcohol	0.351	0.322	8.3	77	0.00
24 M	Methyl tert-Butyl Ether	5.814	5.424	6.7	78	0.00
25 M	Chloroform	3.947	3.577	9.4	76	0.00
26	Cyclohexane	2.828	2.569	9.2	74	0.00
27 s	1,2-Dichloroethane-d4	2.619	2.725	-4.0	87	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29	1,1-Dichloropropene	0.519	0.477	8.1	78	0.00
30 M	2-Butanone	0.228	0.195	14.5	73	0.00
31	2,2-Dichloropropane	0.649	0.598	7.9	77	0.00
32 M	1,1,1-Trichloroethane	0.663	0.598	9.8	77	0.00
33 M	Carbon Tetrachloride	0.594	0.538	9.4	77	0.00
34 M	Benzene	1.417	1.256	11.4	76	0.00
35	Methacrylonitrile	0.230	0.176	23.5	65	-0.01
36 M	1,2-Dichloroethane	0.604	0.551	8.8	78	0.00
37 M	Trichloroethene	0.390	0.349	10.5	76	0.00
38	Methylcyclohexane	0.473	0.431	8.9	78	0.00
39 M	1,2-Dichloropropane	0.379	0.342	9.8	78	0.00
40	Dibromomethane	0.265	0.234	11.7	74	0.00
41 M	Bromodichloromethane	0.575	0.509	11.5	74	0.00
42 M	Vinyl Acetate	1.005	0.890	11.4	76	0.00
43	Ethyl Acetate	0.482	0.425	11.8	77	0.00
44	Isopropyl Acetate	0.865	0.778	10.1	76	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	80	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.418	0.391	6.5	79	0.00
47	n-amyl Acetate	0.746	0.639	14.3	77	0.00
48 M	t-1,3-Dichloropropene	0.642	0.569	11.4	75	0.00
49 T	cis-1,3-Dichloropropene	0.667	0.588	11.8	76	0.00
50 M	1,1,2-Trichloroethane	0.349	0.305	12.6	76	0.00
51	Ethyl methacrylate	0.537	0.467	13.0	77	0.00
52	1,3-Dichloropropane	0.617	0.525	14.9	72	0.00
53 M	Dibromochloromethane	0.436	0.375	14.0	75	0.00
54 M	1,2-Dibromoethane	0.373	0.325	12.9	76	0.00
55 M	2-Chloroethyl vinyl ether	0.261	0.244	6.5	122	0.00
56 M	Bromoform	0.308	0.248	19.5	72	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.517	0.456	11.8	74	0.00
59 M	2-Hexanone	0.392	0.343	12.5	73	0.00
60 S	4-Bromofluorobenzene	0.534	0.546	-2.2	87	0.00
61 M	Tetrachloroethene	0.419	0.392	6.4	78	0.00
62 M	Toluene	1.727	1.541	10.8	76	0.00
63 S	Toluene-d8	1.341	1.346	-0.4	86	0.00
64 M	Chlorobenzene	1.071	0.984	8.1	76	0.00
65	1,1,1,2-Tetrachloroethane	0.428	0.373	12.9	74	0.00
66 M	Ethyl Benzene	1.980	1.780	10.1	77	0.00
67 M	m/p-Xylenes	0.734	0.654	10.9	76	0.00
68 M	o-Xylene	0.713	0.660	7.4	79	0.00
69 M	Styrene	1.187	1.048	11.7	76	0.00
70	Isopropylbenzene	1.885	1.685	10.6	76	0.00
71 M	1,1,2,2-Tetrachloroethane	0.506	0.450	11.1	76	0.00
72	1,2,3-Trichloropropane	0.525	0.497	5.3	83	0.00
73	Bromobenzene	0.459	0.404	12.0	75	0.00
74	n-propylbenzene	2.163	1.933	10.6	75	0.00
75	2-Chlorotoluene	1.335	1.197	10.3	77	0.00
76	1,3,5-Trimethylbenzene	1.598	1.448	9.4	77	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.175	13.8	75	0.00
78	4-Chlorotoluene	1.392	1.241	10.8	76	0.00
79	tert-butylbenzene	1.306	1.177	9.9	76	0.00
80	1,2,4-Trimethylbenzene	1.621	1.423	12.2	75	0.00
81	sec-Butylbenzene	1.695	1.526	10.0	76	0.00
82	p-Isopropyltoluene	1.555	1.413	9.1	77	0.00
83 M	1,3-Dichlorobenzene	0.809	0.717	11.4	76	0.00
84 M	1,4-Dichlorobenzene	0.824	0.699	15.2	73	0.00
85	n-Butylbenzene	1.369	1.239	9.5	77	0.00
86 T	Hexachloroethane	0.263	0.235	10.6	77	0.00
87 M	1,2-Dichlorobenzene	0.789	0.700	11.3	76	0.00
88	1,2-Dibromo-3-Chloropropane	0.123	0.107	13.0	75	0.00
89	1,2,4-Trichlorobenzene	0.450	0.374	16.9	72	0.00
90	Hexachlorobutadiene	0.246	0.227	7.7	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.316	1.115	15.3	72	0.00
92	1,2,3-Trichlorobenzene	0.432	0.360	16.7	70	0.00

(#) = Out of Range

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