

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110920\
 Data File : VN064503.D
 Acq On : 9 Nov 2020 11:15
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDIC005

Quant Time: Nov 09 12:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 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	115	0.00
2 M	Dichlorodifluoromethane	2.009	0.476	76.3#	28	0.00
3 M	Chloromethane	2.293	0.573	75.0#	31	0.00
4 M	Vinyl Chloride	2.484	0.628	74.7#	32	0.00
5 M	Bromomethane	1.626	0.449	72.4#	34	0.00
6 M	Chloroethane	1.551	0.387	75.0#	30	0.00
7 M	Trichlorofluoromethane	3.597	0.943	73.8#	32	0.00
8 T	Diethyl Ether	1.285	0.333	74.1#	32	0.00
9	1,1,2-Trichlorotrifluoroeth	1.693	0.436	74.2#	31	0.00
10 M	1,1-Dichloroethene	1.620	0.414	74.4#	32	0.00
11	Methyl Iodide	1.997	0.421	78.9#	28	0.00
12	Methyl Acetate	1.975	0.454	77.0#	28	0.00
13 M	Acrolein	0.200	0.049#	75.5#	35	0.00
14 M	Acrylonitrile	0.878	0.207	76.4#	31	0.00
15 M	Acetone	0.290	0.071	75.5#	26	0.00
16 M	Carbon Disulfide	4.915	1.267	74.2#	32	0.00
17	Allyl chloride	3.043	0.685	77.5#	29	0.00
18 M	Methylene Chloride	1.923	0.494	74.3#	32	0.00
19 M	trans-1,2-Dichloroethene	1.836	0.460	74.9#	32	0.00
20 T	Diisopropyl ether	6.625	1.476	77.7#	29	0.00
21 M	1,1-Dichloroethane	3.643	0.916	74.9#	32	0.00
22 M	cis-1,2-Dichloroethene	2.080	0.499	76.0#	32	0.00
23 M	tert-Butyl Alcohol	0.301	0.067	77.7#	28	0.00
24 M	Methyl tert-Butyl Ether	5.728	1.292	77.4#	29	0.00
25 M	Chloroform	3.829	0.933	75.6#	30	0.00
26	Cyclohexane	2.813	0.605	78.5#	28	0.00
27 s	1,2-Dichloroethane-d4	2.656	2.711	-2.1	115	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29	1,1-Dichloropropene	0.521	0.122	76.6#	29	0.00
30 M	2-Butanone	0.258	0.060	76.7#	28	0.00
31	2,2-Dichloropropane	0.618	0.151	75.6#	30	0.00
32 M	1,1,1-Trichloroethane	0.639	0.156	75.6#	30	0.00
33 M	Carbon Tetrachloride	0.570	0.142	75.1#	31	0.00
34 M	Benzene	1.507	0.366	75.7#	30	0.00
35	Methacrylonitrile	0.241	0.050#	79.3#	28	0.00
36 M	1,2-Dichloroethane	0.619	0.162	73.8#	32	0.00
37 M	Trichloroethene	0.381	0.097	74.5#	32	0.00
38	Methylcyclohexane	0.471	0.106	77.5#	29	0.00
39 M	1,2-Dichloropropane	0.405	0.097	76.0#	30	0.00
40	Dibromomethane	0.273	0.066	75.8#	29	0.00
41 M	Bromodichloromethane	0.592	0.145	75.5#	30	0.00
42 M	Vinyl Acetate	1.032	0.230	77.7#	28	0.00
43	Ethyl Acetate	0.501	0.120	76.0#	33	0.00
44	Isopropyl Acetate	0.866	0.202	76.7#	30	0.00
45 T	1,4-Dioxane	0.006	0.001#	83.3#	28	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110920\
 Data File : VN064503.D
 Acq On : 9 Nov 2020 11:15
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDIC005

Quant Time: Nov 09 12:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 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)
46	Methyl methacrylate	0.430	0.097	77.4#	30	0.00
47	n-amyl Acetate	0.749	0.137	81.7#	25	0.00
48 M	t-1,3-Dichloropropene	0.628	0.138	78.0#	28	0.00
49 T	cis-1,3-Dichloropropene	0.659	0.152	76.9#	29	0.00
50 M	1,1,2-Trichloroethane	0.375	0.093	75.2#	31	0.00
51	Ethyl methacrylate	0.537	0.104	80.6#	26	0.00
52	1,3-Dichloropropane	0.644	0.155	75.9#	31	0.00
53 M	Dibromochloromethane	0.429	0.099	76.9#	29	0.00
54 M	1,2-Dibromoethane	0.383	0.088	77.0#	30	0.00
55 M	2-Chloroethyl vinyl ether	0.281	0.057	79.7#	25	0.00
56 M	Bromoform	0.282	0.061	78.4#	27	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.551	0.127	77.0#	28	0.00
59 M	2-Hexanone	0.415	0.091	78.1#	26	0.00
60 S	4-Bromofluorobenzene	0.514	0.477	7.2	104	0.00
61 M	Tetrachloroethene	0.375	0.099	73.6#	31	0.00
62 M	Toluene	1.762	0.435	75.3#	30	0.00
63 S	Toluene-d8	1.399	1.425	-1.9	110	0.00
64 M	Chlorobenzene	1.047	0.251	76.0#	29	0.00
65	1,1,1,2-Tetrachloroethane	0.409	0.098	76.0#	29	0.00
66 M	Ethyl Benzene	1.901	0.432	77.3#	29	0.00
67 M	m/p-Xylenes	0.702	0.152	78.3#	27	0.00
68 M	o-Xylene	0.664	0.142	78.6#	27	0.00
69 M	Styrene	1.137	0.223	80.4#	25	0.00
70	Isopropylbenzene	1.738	0.364	79.1#	26	0.00
71 M	1,1,2,2-Tetrachloroethane	0.557	0.131	76.5#	29	0.00
72	1,2,3-Trichloropropane	0.555	0.141	74.6#	33	0.00
73	Bromobenzene	0.430	0.101	76.5#	30	0.00
74	n-propylbenzene	2.045	0.440	78.5#	27	0.00
75	2-Chlorotoluene	1.286	0.287	77.7#	27	0.00
76	1,3,5-Trimethylbenzene	1.467	0.302	79.4#	25	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.041#	79.7#	26	0.00
78	4-Chlorotoluene	1.351	0.291	78.5#	27	0.00
79	tert-butylbenzene	1.152	0.239	79.3#	27	0.00
80	1,2,4-Trimethylbenzene	1.479	0.292	80.3#	25	0.00
81	sec-Butylbenzene	1.527	0.318	79.2#	26	0.00
82	p-Isopropyltoluene	1.364	0.265	80.6#	25	0.00
83 M	1,3-Dichlorobenzene	0.756	0.162	78.6#	27	0.00
84 M	1,4-Dichlorobenzene	0.752	0.161	78.6#	28	0.00
85	n-Butylbenzene	1.182	0.235	80.1#	27	0.00
86 T	Hexachloroethane	0.272	0.063	76.8#	29	0.00
87 M	1,2-Dichlorobenzene	0.737	0.158	78.6#	27	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.027#	77.5#	28	0.00
89	1,2,4-Trichlorobenzene	0.335	0.059	82.4#	25	0.00
90	Hexachlorobutadiene	0.167	0.045#	73.1#	34	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110920\
Data File : VN064503.D
Acq On : 9 Nov 2020 11:15
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDIC005

Quant Time: Nov 09 12:29:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 12:16:00 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.107	0.180	83.7#	24	0.00
92	1,2,3-Trichlorobenzene	0.339	0.065	80.8#	26	0.00

(#) = Out of Range

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