

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070919\
 Data File : VN056631.D
 Acq On : 9 Jul 2019 16:12
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 01:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 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	108	0.00
2 M	Dichlorodifluoromethane	1.504	1.497	0.5	107	0.00
3 M	Chloromethane	2.183	1.992	8.7	101	0.00
4 M	Vinyl Chloride	2.055	2.001	2.6	109	0.00
5 M	Bromomethane	1.096	0.978	10.8	92	0.00
6 M	Chloroethane	1.138	1.123	1.3	109	0.00
7 M	Trichlorofluoromethane	2.638	2.634	0.2	109	0.00
8 T	Diethyl Ether	1.119	1.059	5.4	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.671	1.661	0.6	110	0.00
10 M	1,1-Dichloroethene	1.640	1.550	5.5	104	0.00
11	Methyl Iodide	2.345	1.297	44.7#	65	0.00
12	Methyl Acetate	2.212	1.982	10.4	105	0.00
13 M	Acrolein	0.216	0.171	20.8	89	0.00
14 M	Acrylonitrile	0.971	0.882	9.2	101	0.00
15 M	Acetone	0.271	0.273	-0.7	108	0.00
16 M	Carbon Disulfide	3.943	3.718	5.7	110	0.00
17	Allyl chloride	2.870	2.745	4.4	109	0.00
18 M	Methylene Chloride	1.939	1.883	2.9	108	0.00
19 M	trans-1,2-Dichloroethene	1.779	1.705	4.2	106	0.00
20 T	Diisopropyl ether	5.929	5.654	4.6	105	0.00
21 M	1,1-Dichloroethane	3.345	3.213	3.9	106	0.00
22 M	cis-1,2-Dichloroethene	2.092	1.967	6.0	105	0.00
23 M	tert-Butyl Alcohol	0.363	0.292	19.6	98	0.00
24 M	Methyl tert-Butyl Ether	5.424	5.111	5.8	106	0.00
25 M	Chloroform	3.278	3.189	2.7	107	0.00
26	Cyclohexane	3.081	2.915	5.4	106	0.00
27 s	1,2-Dichloroethane-d4	2.068	2.064	0.2	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.443	0.416	6.1	106	0.00
30 M	2-Butanone	0.246	0.215	12.6	97	0.00
31	2,2-Dichloropropane	0.426	0.406	4.7	110	0.00
32 M	1,1,1-Trichloroethane	0.472	0.449	4.9	107	0.00
33 M	Carbon Tetrachloride	0.400	0.376	6.0	108	0.00
34 M	Benzene	1.385	1.316	5.0	107	0.00
35	Methacrylonitrile	0.218	0.191	12.4	93	0.00
36 M	1,2-Dichloroethane	0.450	0.433	3.8	108	0.00
37 M	Trichloroethene	0.361	0.345	4.4	109	0.00
38	Methylcyclohexane	0.555	0.535	3.6	110	0.00
39 M	1,2-Dichloropropane	0.373	0.357	4.3	107	0.00
40	Dibromomethane	0.231	0.218	5.6	106	0.00
41 M	Bromodichloromethane	0.427	0.411	3.7	111	0.00
42 M	Vinyl Acetate	0.874	0.814	6.9	105	0.00
43	Ethyl Acetate	0.475	0.424	10.7	100	0.00
44	Isopropyl Acetate	0.741	0.654	11.7	101	0.00
45 T	1,4-Dioxane	0.007	0.006#	14.3	99	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070919\
 Data File : VN056631.D
 Acq On : 9 Jul 2019 16:12
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 01:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 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	0.364	0.324	11.0	104	0.00
47	n-amyl Acetate	0.616	0.532	13.6	102	0.00
48 M	t-1,3-Dichloropropene	0.458	0.425	7.2	111	0.00
49 T	cis-1,3-Dichloropropene	0.528	0.505	4.4	112	0.00
50 M	1,1,2-Trichloroethane	0.340	0.329	3.2	109	0.00
51	Ethyl methacrylate	0.535	0.480	10.3	102	0.00
52	1,3-Dichloropropane	0.577	0.555	3.8	109	0.00
53 M	Dibromochloromethane	0.333	0.313	6.0	110	0.00
54 M	1,2-Dibromoethane	0.354	0.333	5.9	108	0.00
55 M	2-Chloroethyl vinyl ether	0.273	0.250	8.4	104	0.00
56 M	Bromoform	0.242	0.216	10.7	110	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.480	10.9	101	0.00
59 M	2-Hexanone	0.400	0.344	14.0	98	0.00
60 S	4-Bromofluorobenzene	0.461	0.463	-0.4	115	0.00
61 M	Tetrachloroethene	0.377	0.375	0.5	112	0.00
62 M	Toluene	1.674	1.610	3.8	109	0.00
63 S	Toluene-d8	1.394	1.400	-0.4	110	0.00
64 M	Chlorobenzene	1.009	0.966	4.3	110	0.00
65	1,1,1,2-Tetrachloroethane	0.363	0.347	4.4	112	0.00
66 M	Ethyl Benzene	1.815	1.718	5.3	109	0.00
67 M	m/p-Xylenes	0.670	0.654	2.4	112	0.00
68 M	o-Xylene	0.663	0.627	5.4	109	0.00
69 M	Styrene	1.102	1.043	5.4	109	0.00
70	Isopropylbenzene	1.729	1.679	2.9	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.572	0.528	7.7	106	0.00
72	1,2,3-Trichloropropane	0.481	0.445	7.5	102	0.00
73	Bromobenzene	0.446	0.436	2.2	113	0.00
74	n-propylbenzene	1.961	1.874	4.4	112	0.00
75	2-Chlorotoluene	1.173	1.131	3.6	111	0.00
76	1,3,5-Trimethylbenzene	1.464	1.423	2.8	112	0.00
77	t-1,4-Dichloro-2-butene	0.154	0.125	18.8	105	0.00
78	4-Chlorotoluene	1.141	1.093	4.2	111	0.00
79	tert-butylbenzene	1.251	1.228	1.8	114	0.00
80	1,2,4-Trimethylbenzene	1.446	1.421	1.7	114	0.00
81	sec-Butylbenzene	1.659	1.624	2.1	114	0.00
82	p-Isopropyltoluene	1.491	1.474	1.1	115	0.00
83 M	1,3-Dichlorobenzene	0.740	0.721	2.6	116	0.00
84 M	1,4-Dichlorobenzene	0.714	0.677	5.2	113	0.00
85	n-Butylbenzene	1.253	1.194	4.7	115	0.00
86 T	Hexachloroethane	0.225	0.210	6.7	116	0.00
87 M	1,2-Dichlorobenzene	0.752	0.737	2.0	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.102	0.081	20.6	98	0.00
89	1,2,4-Trichlorobenzene	0.416	0.354	14.9	112	0.00
90	Hexachlorobutadiene	0.258	0.256	0.8	115	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070919\
Data File : VN056631.D
Acq On : 9 Jul 2019 16:12
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 10 01:51:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
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	1.166	0.873	25.1	99	0.00
92	1,2,3-Trichlorobenzene	0.436	0.374	14.2	109	0.00

(#) = Out of Range

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