

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014344.D
 Acq On : 30 Dec 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 31 04:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	109	0.00
2 M	Dichlorodifluoromethane	1.515	1.411	6.9	105	0.00
3 M	Chloromethane	2.136	2.022	5.3	103	0.00
4 M	Vinyl Chloride	2.190	2.098	4.2	107	0.00
5 M	Bromomethane	1.601	1.287	19.6	92	0.00
6 M	Chloroethane	1.352	1.401	-3.6	118	0.01
7 M	Trichlorofluoromethane	2.725	2.648	2.8	108	0.00
8 T	Diethyl Ether	1.252	1.183	5.5	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.625	1.633	-0.5	113	0.00
10 M	1,1-Dichloroethene	1.680	1.607	4.3	108	0.00
11	Methyl Iodide	2.163	1.717	20.6	94	0.00
12	Methyl Acetate	2.601	2.445	6.0	104	0.00
13 M	Acrolein	0.315	0.377	-19.7	124	0.00
14 M	Acrylonitrile	1.017	0.962	5.4	107	0.00
15 M	Acetone	0.299	0.371	-24.1	143	0.00
16 M	Carbon Disulfide	4.551	4.519	0.7	115	0.00
17	Allyl chloride	3.019	3.017	0.1	112	0.00
18 M	Methylene Chloride	2.058	1.846	10.3	100	0.00
19 M	trans-1,2-Dichloroethene	1.840	1.747	5.1	108	0.00
20 T	Diisopropyl ether	6.194	6.104	1.5	109	0.00
21 M	1,1-Dichloroethane	3.362	3.186	5.2	106	0.00
22 M	cis-1,2-Dichloroethene	2.133	1.986	6.9	105	0.00
23 M	tert-Butyl Alcohol	0.399	0.399	0.0	111	-0.02
24 M	Methyl tert-Butyl Ether	5.675	5.325	6.2	105	0.00
25 M	Chloroform	3.205	3.057	4.6	105	0.00
26	Cyclohexane	2.998	2.952	1.5	109	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.158	-0.4	109	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.433	0.419	3.2	110	0.00
30 M	2-Butanone	0.255	0.268	-5.1	121	0.00
31	2,2-Dichloropropane	0.401	0.445	-11.0	126	0.00
32 M	1,1,1-Trichloroethane	0.479	0.440	8.1	106	0.00
33 M	Carbon Tetrachloride	0.407	0.384	5.7	109	0.00
34 M	Benzene	1.351	1.280	5.3	106	0.00
35	Methacrylonitrile	0.275	0.262	4.7	107	0.00
36 M	1,2-Dichloroethane	0.469	0.430	8.3	106	0.00
37 M	Trichloroethene	0.368	0.332	9.8	103	0.00
38	Methylcyclohexane	0.517	0.529	-2.3	118	0.00
39 M	1,2-Dichloropropane	0.351	0.326	7.1	105	0.00
40	Dibromomethane	0.224	0.210	6.3	106	0.00
41 M	Bromodichloromethane	0.434	0.411	5.3	110	0.00
42 M	Vinyl Acetate	0.902	0.891	1.2	110	0.00
43	Ethyl Acetate	0.490	0.461	5.9	107	-0.01
44	Isopropyl Acetate	0.821	0.764	6.9	109	0.00
45 T	1,4-Dioxane	0.008	0.007#	12.5	105	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014344.D
 Acq On : 30 Dec 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 31 04:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	0.399	0.372	6.8	107	0.00
47	n-amyl Acetate	0.730	0.652	10.7	105	0.00
48 M	t-1,3-Dichloropropene	0.474	0.455	4.0	117	0.00
49 T	cis-1,3-Dichloropropene	0.533	0.512	3.9	113	0.00
50 M	1,1,2-Trichloroethane	0.346	0.321	7.2	105	0.00
51	Ethyl methacrylate	0.550	0.488	11.3	104	0.00
52	1,3-Dichloropropane	0.588	0.547	7.0	104	0.00
53 M	Dibromochloromethane	0.346	0.320	7.5	110	0.00
54 M	1,2-Dibromoethane	0.356	0.333	6.5	107	0.00
55 M	2-Chloroethyl vinyl ether	0.243	0.207	14.8	96	0.00
56 M	Bromoform	0.270	0.241	10.7	110	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	0.561	0.532	5.2	106	0.00
59 M	2-Hexanone	0.426	0.424	0.5	112	0.00
60 S	4-Bromofluorobenzene	0.484	0.484	0.0	111	0.00
61 M	Tetrachloroethene	0.397	0.398	-0.3	116	0.00
62 M	Toluene	1.596	1.529	4.2	107	0.00
63 S	Toluene-d8	1.341	1.366	-1.9	110	0.00
64 M	Chlorobenzene	1.000	0.934	6.6	104	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.345	6.8	107	0.00
66 M	Ethyl Benzene	1.746	1.673	4.2	107	0.00
67 M	m/p-Xylenes	0.667	0.633	5.1	106	0.00
68 M	o-Xylene	0.661	0.607	8.2	103	0.00
69 M	Styrene	1.125	1.035	8.0	106	0.00
70	Isopropylbenzene	1.709	1.619	5.3	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.606	0.534	11.9	99	0.00
72	1,2,3-Trichloropropane	0.539	0.451	16.3	93	0.00
73	Bromobenzene	0.456	0.416	8.8	104	0.00
74	n-propylbenzene	1.938	1.879	3.0	110	0.00
75	2-Chlorotoluene	1.171	1.114	4.9	107	0.00
76	1,3,5-Trimethylbenzene	1.450	1.353	6.7	106	0.00
77	t-1,4-Dichloro-2-butene	0.178	0.175	1.7	124	0.00
78	4-Chlorotoluene	1.338	1.257	6.1	107	0.00
79	tert-butylbenzene	1.397	1.270	9.1	103	0.00
80	1,2,4-Trimethylbenzene	1.449	1.338	7.7	104	0.00
81	sec-Butylbenzene	1.662	1.600	3.7	110	0.00
82	p-Isopropyltoluene	1.500	1.436	4.3	110	0.00
83 M	1,3-Dichlorobenzene	0.795	0.731	8.1	107	0.00
84 M	1,4-Dichlorobenzene	0.792	0.736	7.1	108	0.00
85	n-Butylbenzene	1.261	1.245	1.3	119	0.00
86 T	Hexachloroethane	0.272	0.247	9.2	113	0.00
87 M	1,2-Dichlorobenzene	0.808	0.739	8.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.106	12.4	101	0.00
89	1,2,4-Trichlorobenzene	0.516	0.487	5.6	115	0.00
90	Hexachlorobutadiene	0.245	0.247	-0.8	117	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
Data File : VX014344.D
Acq On : 30 Dec 2019 10:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 31 04:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	1.551	1.425	8.1	111	0.00
92	1,2,3-Trichlorobenzene	0.524	0.481	8.2	112	0.00

(#) = Out of Range

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