

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032919\
 Data File : VX008535.D
 Acq On : 29 Mar 2019 09:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 14:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	116	0.00
2 M	Dichlorodifluoromethane	2.051	2.140	-4.3	120	0.00
3 M	Chloromethane	2.688	2.647	1.5	113	0.00
4 M	Vinyl Chloride	2.709	2.691	0.7	116	0.00
5 M	Bromomethane	1.404	1.101	21.6	100	0.00
6 M	Chloroethane	1.773	1.591	10.3	111	0.00
7 M	Trichlorofluoromethane	3.007	3.048	-1.4	117	0.00
8 T	Diethyl Ether	1.418	1.372	3.2	111	0.00
9	1,1,2-Trichlorotrifluoroeth	1.873	1.903	-1.6	121	0.00
10 M	1,1-Dichloroethene	1.900	1.902	-0.1	117	0.00
11	Methyl Iodide	1.967	1.320	32.9#	86	0.00
12	Methyl Acetate	1.540	1.536	0.3	116	0.00
13 M	Acrolein	0.442	0.329	25.6	89	0.00
14 M	Acrylonitrile	1.424	1.417	0.5	117	0.00
15 M	Acetone	0.439	0.472	-7.5	113	0.00
16 M	Carbon Disulfide	5.910	5.847	1.1	117	0.00
17	Allyl chloride	4.270	4.277	-0.2	120	0.00
18 M	Methylene Chloride	2.271	2.282	-0.5	117	0.00
19 M	trans-1,2-Dichloroethene	2.030	2.029	0.0	118	0.00
20 T	Diisopropyl ether	8.310	8.364	-0.6	118	0.00
21 M	1,1-Dichloroethane	4.171	4.195	-0.6	117	0.00
22 M	cis-1,2-Dichloroethene	2.345	2.344	0.0	118	0.00
23 M	tert-Butyl Alcohol	0.575	0.552	4.0	113	0.00
24 M	Methyl tert-Butyl Ether	6.982	6.923	0.8	116	0.00
25 M	Chloroform	3.778	3.823	-1.2	117	0.00
26	Cyclohexane	4.052	4.157	-2.6	122	0.00
27 s	1,2-Dichloroethane-d4	2.510	2.503	0.3	114	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
29	1,1-Dichloropropene	0.505	0.513	-1.6	120	0.00
30 M	2-Butanone	0.371	0.380	-2.4	115	0.00
31	2,2-Dichloropropane	0.504	0.505	-0.2	119	0.00
32 M	1,1,1-Trichloroethane	0.524	0.526	-0.4	118	0.00
33 M	Carbon Tetrachloride	0.439	0.434	1.1	118	0.00
34 M	Benzene	1.543	1.545	-0.1	117	0.00
35	Methacrylonitrile	0.377	0.370	1.9	118	0.00
36 M	1,2-Dichloroethane	0.550	0.553	-0.5	117	0.00
37 M	Trichloroethene	0.355	0.357	-0.6	120	0.00
38	Methylcyclohexane	0.636	0.662	-4.1	124	0.00
39 M	1,2-Dichloropropane	0.438	0.428	2.3	115	0.00
40	Dibromomethane	0.253	0.250	1.2	117	0.00
41 M	Bromodichloromethane	0.498	0.491	1.4	117	0.00
42 M	Vinyl Acetate	1.258	1.265	-0.6	117	0.00
43	Ethyl Acetate	0.668	0.658	1.5	113	0.00
44	Isopropyl Acetate	1.080	1.046	3.1	115	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032919\
 Data File : VX008535.D
 Acq On : 29 Mar 2019 09:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 14:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	0.549	0.535	2.6	116	0.00
47	n-amyl Acetate	0.981	0.968	1.3	121	0.00
48 M	t-1,3-Dichloropropene	0.563	0.545	3.2	121	0.00
49 T	cis-1,3-Dichloropropene	0.630	0.621	1.4	119	0.00
50 M	1,1,2-Trichloroethane	0.376	0.366	2.7	118	0.00
51	Ethyl methacrylate	0.700	0.673	3.9	117	0.00
52	1,3-Dichloropropane	0.670	0.665	0.7	116	0.00
53 M	Dibromochloromethane	0.370	0.354	4.3	118	0.00
54 M	1,2-Dibromoethane	0.388	0.386	0.5	119	0.00
55 M	2-Chloroethyl vinyl ether	0.353	0.362	-2.5	134	0.00
56 M	Bromoform	0.270	0.253	6.3	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	0.791	0.783	1.0	116	0.00
59 M	2-Hexanone	0.625	0.655	-4.8	119	0.00
60 S	4-Bromofluorobenzene	0.523	0.525	-0.4	119	0.00
61 M	Tetrachloroethene	0.328	0.352	-7.3	126	0.00
62 M	Toluene	1.816	1.822	-0.3	117	0.00
63 S	Toluene-d8	1.424	1.438	-1.0	115	0.00
64 M	Chlorobenzene	1.064	1.075	-1.0	120	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.368	1.9	119	0.00
66 M	Ethyl Benzene	2.016	2.048	-1.6	120	0.00
67 M	m/p-Xylenes	0.735	0.741	-0.8	120	0.00
68 M	o-Xylene	0.720	0.723	-0.4	119	0.00
69 M	Styrene	1.252	1.259	-0.6	122	0.00
70	Isopropylbenzene	1.898	1.920	-1.2	121	0.00
71 M	1,1,2,2-Tetrachloroethane	0.709	0.713	-0.6	119	0.00
72	1,2,3-Trichloropropane	0.599	0.618	-3.2	119	0.00
73	Bromobenzene	0.452	0.454	-0.4	122	0.00
74	n-propylbenzene	2.261	2.300	-1.7	122	0.00
75	2-Chlorotoluene	1.345	1.364	-1.4	121	0.00
76	1,3,5-Trimethylbenzene	1.623	1.628	-0.3	120	0.00
77	t-1,4-Dichloro-2-butene	0.230	0.221	3.9	126	0.00
78	4-Chlorotoluene	1.548	1.558	-0.6	123	0.00
79	tert-butylbenzene	1.658	1.682	-1.4	122	0.00
80	1,2,4-Trimethylbenzene	1.618	1.634	-1.0	121	0.00
81	sec-Butylbenzene	1.854	1.887	-1.8	122	0.00
82	p-Isopropyltoluene	1.658	1.682	-1.4	122	0.00
83 M	1,3-Dichlorobenzene	0.802	0.821	-2.4	126	0.00
84 M	1,4-Dichlorobenzene	0.801	0.817	-2.0	125	0.00
85	n-Butylbenzene	1.576	1.596	-1.3	125	0.00
86 T	Hexachloroethane	0.277	0.270	2.5	122	0.00
87 M	1,2-Dichlorobenzene	0.808	0.825	-2.1	124	0.00
88	1,2-Dibromo-3-Chloropropane	0.157	0.155	1.3	117	0.00
89	1,2,4-Trichlorobenzene	0.557	0.574	-3.1	128	0.00
90	Hexachlorobutadiene	0.268	0.280	-4.5	127	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032919\
Data File : VX008535.D
Acq On : 29 Mar 2019 09:30
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 29 14:45:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 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	1.909	1.897	0.6	116	0.00
92	1,2,3-Trichlorobenzene	0.561	0.565	-0.7	120	0.00

(#) = Out of Range

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