

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020720\
 Data File : VX014862.D
 Acq On : 07 Feb 2020 10:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 07 22:30:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 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	94	0.00
2 M	Dichlorodifluoromethane	2.073	2.187	-5.5	98	0.00
3 M	Chloromethane	2.270	2.082	8.3	86	0.00
4 M	Vinyl Chloride	2.549	2.445	4.1	91	0.00
5 M	Bromomethane	1.590	1.624	-2.1	115	0.01
6 M	Chloroethane	1.437	1.368	4.8	89	0.02
7 M	Trichlorofluoromethane	2.822	3.069	-8.8	108	0.01
8 T	Diethyl Ether	1.233	1.252	-1.5	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.651	1.784	-8.1	105	0.01
10 M	1,1-Dichloroethene	1.661	1.711	-3.0	103	0.00
11	Methyl Iodide	2.227	2.149	3.5	99	0.00
12	Methyl Acetate	3.000	2.989	0.4	96	0.00
13 M	Acrolein	0.315	0.280	11.1	87	0.00
14 M	Acrylonitrile	1.027	0.965	6.0	90	0.00
15 M	Acetone	0.344	0.274	20.3	73	0.00
16 M	Carbon Disulfide	4.561	4.407	3.4	98	0.00
17	Allyl chloride	3.074	2.911	5.3	95	0.00
18 M	Methylene Chloride	1.944	1.980	-1.9	99	0.00
19 M	trans-1,2-Dichloroethene	1.788	1.850	-3.5	103	0.00
20 T	Diisopropyl ether	6.081	6.112	-0.5	98	0.00
21 M	1,1-Dichloroethane	3.304	3.334	-0.9	99	0.00
22 M	cis-1,2-Dichloroethene	2.054	2.157	-5.0	105	0.00
23 M	tert-Butyl Alcohol	0.425	0.420	1.2	100	-0.03
24 M	Methyl tert-Butyl Ether	5.527	6.024	-9.0	107	0.00
25 M	Chloroform	3.200	3.348	-4.6	104	0.00
26	Cyclohexane	3.047	3.007	1.3	98	0.00
27 s	1,2-Dichloroethane-d4	2.109	2.148	-1.8	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.440	0.456	-3.6	106	0.00
30 M	2-Butanone	0.279	0.245	12.2	86	0.00
31	2,2-Dichloropropane	0.471	0.522	-10.8	114	0.00
32 M	1,1,1-Trichloroethane	0.487	0.520	-6.8	110	0.00
33 M	Carbon Tetrachloride	0.418	0.450	-7.7	112	0.00
34 M	Benzene	1.360	1.359	0.1	100	0.00
35	Methacrylonitrile	0.278	0.260	6.5	94	0.00
36 M	1,2-Dichloroethane	0.473	0.494	-4.4	104	0.00
37 M	Trichloroethene	0.372	0.390	-4.8	106	0.00
38	Methylcyclohexane	0.548	0.569	-3.8	106	0.00
39 M	1,2-Dichloropropane	0.354	0.343	3.1	98	0.00
40	Dibromomethane	0.227	0.232	-2.2	104	0.00
41 M	Bromodichloromethane	0.445	0.452	-1.6	106	0.00
42 M	Vinyl Acetate	0.859	0.846	1.5	100	0.00
43	Ethyl Acetate	0.505	0.476	5.7	93	0.00
44	Isopropyl Acetate	0.814	0.796	2.2	100	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020720\
 Data File : VX014862.D
 Acq On : 07 Feb 2020 10:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 07 22:30:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 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	0.400	0.389	2.8	100	0.00
47	n-amyl Acetate	0.682	0.663	2.8	105	0.00
48 M	t-1,3-Dichloropropene	0.486	0.518	-6.6	111	0.00
49 T	cis-1,3-Dichloropropene	0.547	0.569	-4.0	108	0.00
50 M	1,1,2-Trichloroethane	0.346	0.356	-2.9	103	0.00
51	Ethyl methacrylate	0.538	0.531	1.3	105	0.00
52	1,3-Dichloropropane	0.586	0.597	-1.9	104	0.00
53 M	Dibromochloromethane	0.354	0.373	-5.4	111	0.00
54 M	1,2-Dibromoethane	0.359	0.378	-5.3	106	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.238	3.6	99	0.00
56 M	Bromoform	0.272	0.285	-4.8	110	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.538	4.8	95	0.00
59 M	2-Hexanone	0.437	0.419	4.1	95	0.00
60 S	4-Bromofluorobenzene	0.480	0.485	-1.0	100	0.00
61 M	Tetrachloroethene	0.443	0.458	-3.4	104	0.00
62 M	Toluene	1.592	1.634	-2.6	103	0.00
63 S	Toluene-d8	1.355	1.331	1.8	95	0.00
64 M	Chlorobenzene	0.994	1.054	-6.0	107	0.00
65	1,1,1,2-Tetrachloroethane	0.367	0.392	-6.8	108	0.00
66 M	Ethyl Benzene	1.734	1.831	-5.6	108	0.00
67 M	m/p-Xylenes	0.664	0.695	-4.7	106	0.00
68 M	o-Xylene	0.647	0.675	-4.3	107	0.00
69 M	Styrene	1.096	1.139	-3.9	108	0.00
70	Isopropylbenzene	1.694	1.844	-8.9	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.561	1.8	100	0.00
72	1,2,3-Trichloropropane	0.488	0.489	-0.2	102	0.00
73	Bromobenzene	0.449	0.489	-8.9	112	0.00
74	n-propylbenzene	1.936	2.096	-8.3	113	0.00
75	2-Chlorotoluene	1.160	1.221	-5.3	109	0.00
76	1,3,5-Trimethylbenzene	1.412	1.524	-7.9	111	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.191	-1.6	113	0.00
78	4-Chlorotoluene	1.318	1.413	-7.2	111	0.00
79	tert-butylbenzene	1.321	1.480	-12.0	117	0.00
80	1,2,4-Trimethylbenzene	1.408	1.516	-7.7	110	0.00
81	sec-Butylbenzene	1.634	1.788	-9.4	115	0.00
82	p-Isopropyltoluene	1.492	1.657	-11.1	115	0.00
83 M	1,3-Dichlorobenzene	0.784	0.873	-11.4	116	0.00
84 M	1,4-Dichlorobenzene	0.777	0.874	-12.5	119	0.00
85	n-Butylbenzene	1.305	1.414	-8.4	118	0.00
86 T	Hexachloroethane	0.268	0.278	-3.7	112	0.00
87 M	1,2-Dichlorobenzene	0.791	0.847	-7.1	111	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.129	-5.7	110	0.00
89	1,2,4-Trichlorobenzene	0.522	0.614	-17.6	126	0.00
90	Hexachlorobutadiene	0.261	0.312	-19.5	127	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020720\
Data File : VX014862.D
Acq On : 07 Feb 2020 10:37
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 07 22:30:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 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	1.576	1.782	-13.1	118	0.00
92	1,2,3-Trichlorobenzene	0.532	0.617	-16.0	124	0.00

(#) = Out of Range

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