

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX020720\
 Data File : VX014874.D
 Acq On : 07 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 07 22:55:33 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	89	0.00
2 M	Dichlorodifluoromethane	2.073	2.154	-3.9	92	0.00
3 M	Chloromethane	2.270	2.034	10.4	80	0.00
4 M	Vinyl Chloride	2.549	2.431	4.6	86	0.00
5 M	Bromomethane	1.590	1.013	36.3#	69	0.01
6 M	Chloroethane	1.437	1.457	-1.4	90	0.02
7 M	Trichlorofluoromethane	2.822	2.971	-5.3	99	0.01
8 T	Diethyl Ether	1.233	1.261	-2.3	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.651	1.778	-7.7	100	0.01
10 M	1,1-Dichloroethene	1.661	1.697	-2.2	97	0.00
11	Methyl Iodide	2.227	0.852	61.7#	37	0.00
12	Methyl Acetate	3.000	3.070	-2.3	94	0.00
13 M	Acrolein	0.315	0.285	9.5	84	0.00
14 M	Acrylonitrile	1.027	0.982	4.4	87	0.00
15 M	Acetone	0.344	0.270	21.5	69	0.00
16 M	Carbon Disulfide	4.561	4.331	5.0	91	0.00
17	Allyl chloride	3.074	2.911	5.3	91	0.00
18 M	Methylene Chloride	1.944	1.967	-1.2	94	0.00
19 M	trans-1,2-Dichloroethene	1.788	1.844	-3.1	97	0.00
20 T	Diisopropyl ether	6.081	6.208	-2.1	95	0.00
21 M	1,1-Dichloroethane	3.304	3.264	1.2	93	0.00
22 M	cis-1,2-Dichloroethene	2.054	2.147	-4.5	99	0.00
23 M	tert-Butyl Alcohol	0.425	0.388	8.7	88	-0.02
24 M	Methyl tert-Butyl Ether	5.527	5.958	-7.8	101	0.00
25 M	Chloroform	3.200	3.393	-6.0	100	0.00
26	Cyclohexane	3.047	2.970	2.5	92	0.00
27 s	1,2-Dichloroethane-d4	2.109	2.162	-2.5	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.440	0.457	-3.9	102	0.00
30 M	2-Butanone	0.279	0.242	13.3	82	0.00
31	2,2-Dichloropropane	0.471	0.492	-4.5	103	0.00
32 M	1,1,1-Trichloroethane	0.487	0.507	-4.1	103	0.00
33 M	Carbon Tetrachloride	0.418	0.436	-4.3	104	0.00
34 M	Benzene	1.360	1.343	1.3	95	0.00
35	Methacrylonitrile	0.278	0.265	4.7	91	0.00
36 M	1,2-Dichloroethane	0.473	0.486	-2.7	98	0.00
37 M	Trichloroethene	0.372	0.390	-4.8	101	0.00
38	Methylcyclohexane	0.548	0.541	1.3	96	0.00
39 M	1,2-Dichloropropane	0.354	0.339	4.2	93	0.00
40	Dibromomethane	0.227	0.230	-1.3	99	0.00
41 M	Bromodichloromethane	0.445	0.458	-2.9	103	0.00
42 M	Vinyl Acetate	0.859	0.852	0.8	97	0.00
43	Ethyl Acetate	0.505	0.486	3.8	91	0.00
44	Isopropyl Acetate	0.814	0.785	3.6	94	0.00
45 T	1,4-Dioxane	0.008	0.006#	25.0	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX020720\
 Data File : VX014874.D
 Acq On : 07 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 07 22:55:33 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	95	0.00
47	n-amyl Acetate	0.682	0.686	-0.6	104	0.00
48 M	t-1,3-Dichloropropene	0.486	0.511	-5.1	105	0.00
49 T	cis-1,3-Dichloropropene	0.547	0.549	-0.4	100	0.00
50 M	1,1,2-Trichloroethane	0.346	0.352	-1.7	98	0.00
51	Ethyl methacrylate	0.538	0.530	1.5	101	0.00
52	1,3-Dichloropropane	0.586	0.593	-1.2	98	0.00
53 M	Dibromochloromethane	0.354	0.370	-4.5	106	0.00
54 M	1,2-Dibromoethane	0.359	0.379	-5.6	102	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.220	10.9	88	0.00
56 M	Bromoform	0.272	0.282	-3.7	105	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.531	6.0	91	0.00
59 M	2-Hexanone	0.437	0.398	8.9	88	0.00
60 S	4-Bromofluorobenzene	0.480	0.489	-1.9	98	0.00
61 M	Tetrachloroethene	0.443	0.420	5.2	93	0.00
62 M	Toluene	1.592	1.612	-1.3	100	0.00
63 S	Toluene-d8	1.355	1.313	3.1	92	0.00
64 M	Chlorobenzene	0.994	1.027	-3.3	102	0.00
65	1,1,1,2-Tetrachloroethane	0.367	0.377	-2.7	102	0.00
66 M	Ethyl Benzene	1.734	1.805	-4.1	104	0.00
67 M	m/p-Xylenes	0.664	0.695	-4.7	104	0.00
68 M	o-Xylene	0.647	0.663	-2.5	103	0.00
69 M	Styrene	1.096	1.127	-2.8	104	0.00
70	Isopropylbenzene	1.694	1.782	-5.2	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.572	-0.2	99	0.00
72	1,2,3-Trichloropropane	0.488	0.478	2.0	98	0.00
73	Bromobenzene	0.449	0.485	-8.0	108	0.00
74	n-propylbenzene	1.936	2.069	-6.9	109	0.00
75	2-Chlorotoluene	1.160	1.198	-3.3	104	0.00
76	1,3,5-Trimethylbenzene	1.412	1.488	-5.4	106	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.171	9.0	98	0.00
78	4-Chlorotoluene	1.318	1.405	-6.6	108	0.00
79	tert-butylbenzene	1.321	1.442	-9.2	111	0.00
80	1,2,4-Trimethylbenzene	1.408	1.498	-6.4	106	0.00
81	sec-Butylbenzene	1.634	1.734	-6.1	109	0.00
82	p-Isopropyltoluene	1.492	1.645	-10.3	112	0.00
83 M	1,3-Dichlorobenzene	0.784	0.865	-10.3	112	0.00
84 M	1,4-Dichlorobenzene	0.777	0.873	-12.4	116	0.00
85	n-Butylbenzene	1.305	1.452	-11.3	118	0.00
86 T	Hexachloroethane	0.268	0.259	3.4	103	0.00
87 M	1,2-Dichlorobenzene	0.791	0.862	-9.0	110	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.122	0.0	102	0.00
89	1,2,4-Trichlorobenzene	0.522	0.635	-21.6	127	0.00
90	Hexachlorobutadiene	0.261	0.300	-14.9	119	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020720\
Data File : VX014874.D
Acq On : 07 Feb 2020 16:25
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 07 22:55:33 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	1.773	-12.5	115	0.00
92	1,2,3-Trichlorobenzene	0.532	0.621	-16.7	121	0.00

(#) = Out of Range

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