

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015470.D
 Acq On : 01 Apr 2020 16:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 02 09:56:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	97	0.00
2 M	Dichlorodifluoromethane	1.433	1.225	14.5	90	0.00
3 M	Chloromethane	1.768	1.571	11.1	97	0.00
4 M	Vinyl Chloride	1.701	1.528	10.2	95	0.00
5 M	Bromomethane	0.905	1.064	-17.6	99	0.00
6 M	Chloroethane	1.061	1.050	1.0	101	0.00
7 M	Trichlorofluoromethane	2.431	2.274	6.5	96	0.00
8 T	Diethyl Ether	0.935	0.878	6.1	98	0.00
9	1,1,2-Trichlorotrifluoroeth	1.608	1.525	5.2	97	0.00
10 M	1,1-Dichloroethene	1.634	1.548	5.3	97	0.00
11	Methyl Iodide	2.171	1.741	19.8	88	0.00
12	Methyl Acetate	2.390	2.368	0.9	101	0.00
13 M	Acrolein	0.311	0.390	-25.4	126	0.00
14 M	Acrylonitrile	1.023	1.031	-0.8	101	0.00
15 M	Acetone	0.260	0.259	0.4	99	0.00
16 M	Carbon Disulfide	4.775	4.577	4.1	98	0.00
17	Allyl chloride	3.688	3.495	5.2	97	0.00
18 M	Methylene Chloride	1.834	1.810	1.3	101	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.708	3.3	98	0.00
20 T	Diisopropyl ether	6.615	6.490	1.9	98	0.00
21 M	1,1-Dichloroethane	3.377	3.303	2.2	99	0.00
22 M	cis-1,2-Dichloroethene	2.036	1.947	4.4	99	0.00
23 M	tert-Butyl Alcohol	0.503	0.454	9.7	89	0.00
24 M	Methyl tert-Butyl Ether	6.065	5.890	2.9	98	0.00
25 M	Chloroform	3.338	3.240	2.9	100	0.00
26	Cyclohexane	3.226	3.019	6.4	96	0.00
27 s	1,2-Dichloroethane-d4	2.344	2.526	-7.8	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.451	0.427	5.3	100	0.00
30 M	2-Butanone	0.270	0.261	3.3	99	0.00
31	2,2-Dichloropropane	0.542	0.513	5.4	97	0.00
32 M	1,1,1-Trichloroethane	0.550	0.516	6.2	97	0.00
33 M	Carbon Tetrachloride	0.501	0.446	11.0	93	0.00
34 M	Benzene	1.299	1.212	6.7	97	0.00
35	Methacrylonitrile	0.306	0.296	3.3	101	0.00
36 M	1,2-Dichloroethane	0.502	0.493	1.8	100	0.00
37 M	Trichloroethene	0.366	0.334	8.7	95	0.00
38	Methylcyclohexane	0.553	0.500	9.6	94	0.00
39 M	1,2-Dichloropropane	0.349	0.324	7.2	97	0.00
40	Dibromomethane	0.232	0.215	7.3	97	0.00
41 M	Bromodichloromethane	0.505	0.459	9.1	96	0.00
42 M	Vinyl Acetate	1.024	1.018	0.6	99	0.00
43	Ethyl Acetate	0.588	0.529	10.0	101	0.00
44	Isopropyl Acetate	0.946	0.892	5.7	98	0.00
45 T	1,4-Dioxane	0.009	0.007#	22.2	80	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015470.D
 Acq On : 01 Apr 2020 16:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 02 09:56:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	0.472	0.447	5.3	98	0.00
47	n-amyl Acetate	0.816	0.764	6.4	99	0.00
48 M	t-1,3-Dichloropropene	0.583	0.526	9.8	95	0.00
49 T	cis-1,3-Dichloropropene	0.601	0.548	8.8	95	0.00
50 M	1,1,2-Trichloroethane	0.333	0.307	7.8	96	0.00
51	Ethyl methacrylate	0.573	0.525	8.4	97	0.00
52	1,3-Dichloropropane	0.576	0.546	5.2	98	0.00
53 M	Dibromochloromethane	0.411	0.363	11.7	93	0.00
54 M	1,2-Dibromoethane	0.358	0.332	7.3	97	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.255	5.9	95	0.00
56 M	Bromoform	0.338	0.271	19.8	86	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.574	0.573	0.2	99	0.00
59 M	2-Hexanone	0.437	0.424	3.0	98	0.00
60 S	4-Bromofluorobenzene	0.513	0.527	-2.7	102	0.00
61 M	Tetrachloroethene	0.386	0.349	9.6	94	0.00
62 M	Toluene	1.520	1.436	5.5	98	0.00
63 S	Toluene-d8	1.275	1.295	-1.6	100	0.00
64 M	Chlorobenzene	0.977	0.908	7.1	98	0.00
65	1,1,1,2-Tetrachloroethane	0.399	0.352	11.8	94	0.00
66 M	Ethyl Benzene	1.736	1.679	3.3	100	0.00
67 M	m/p-Xylenes	0.657	0.610	7.2	97	0.00
68 M	o-Xylene	0.642	0.586	8.7	95	0.00
69 M	Styrene	1.119	1.032	7.8	96	0.00
70	Isopropylbenzene	1.702	1.608	5.5	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.522	5.4	100	0.00
72	1,2,3-Trichloropropane	0.516	0.486	5.8	97	0.00
73	Bromobenzene	0.457	0.410	10.3	96	0.00
74	n-propylbenzene	1.953	1.865	4.5	98	0.00
75	2-Chlorotoluene	1.188	1.121	5.6	97	0.00
76	1,3,5-Trimethylbenzene	1.462	1.351	7.6	95	0.00
77	t-1,4-Dichloro-2-butene	0.222	0.188	15.3	89	0.00
78	4-Chlorotoluene	1.374	1.321	3.9	99	0.00
79	tert-butylbenzene	1.461	1.309	10.4	93	0.00
80	1,2,4-Trimethylbenzene	1.481	1.376	7.1	96	0.00
81	sec-Butylbenzene	1.676	1.546	7.8	96	0.00
82	p-Isopropyltoluene	1.580	1.451	8.2	97	0.00
83 M	1,3-Dichlorobenzene	0.822	0.754	8.3	99	0.00
84 M	1,4-Dichlorobenzene	0.820	0.752	8.3	98	0.00
85	n-Butylbenzene	1.408	1.294	8.1	96	0.00
86 T	Hexachloroethane	0.305	0.256	16.1	91	0.00
87 M	1,2-Dichlorobenzene	0.802	0.704	12.2	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.127	12.4	91	0.00
89	1,2,4-Trichlorobenzene	0.646	0.559	13.5	97	0.00
90	Hexachlorobutadiene	0.340	0.224	34.1#	76	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
Data File : VX015470.D
Acq On : 01 Apr 2020 16:53
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Apr 02 09:56:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 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	1.870	1.717	8.2	95	0.00
92	1,2,3-Trichlorobenzene	0.642	0.540	15.9	92	0.00

(#) = Out of Range

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