

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015555.D
 Acq On : 07 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 08 04:08:31 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	95	0.00
2 M	Dichlorodifluoromethane	1.433	1.243	13.3	90	0.00
3 M	Chloromethane	1.768	1.576	10.9	95	0.00
4 M	Vinyl Chloride	1.701	1.611	5.3	98	0.00
5 M	Bromomethane	0.905	1.014	-12.0	92	0.00
6 M	Chloroethane	1.061	1.098	-3.5	104	0.00
7 M	Trichlorofluoromethane	2.431	2.331	4.1	97	0.00
8 T	Diethyl Ether	0.935	0.985	-5.3	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.608	1.522	5.3	95	0.00
10 M	1,1-Dichloroethene	1.634	1.557	4.7	96	0.00
11	Methyl Iodide	2.171	1.537	29.2	76	0.00
12	Methyl Acetate	2.390	2.409	-0.8	101	0.00
13 M	Acrolein	0.311	0.402	-29.3	128	0.00
14 M	Acrylonitrile	1.023	1.026	-0.3	99	0.00
15 M	Acetone	0.260	0.261	-0.4	98	0.00
16 M	Carbon Disulfide	4.775	4.461	6.6	94	0.00
17	Allyl chloride	3.688	3.339	9.5	91	0.00
18 M	Methylene Chloride	1.834	1.804	1.6	99	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.736	1.8	98	0.00
20 T	Diisopropyl ether	6.615	6.524	1.4	97	0.00
21 M	1,1-Dichloroethane	3.377	3.333	1.3	98	0.00
22 M	cis-1,2-Dichloroethene	2.036	1.971	3.2	98	0.00
23 M	tert-Butyl Alcohol	0.503	0.475	5.6	92	0.00
24 M	Methyl tert-Butyl Ether	6.065	5.972	1.5	98	0.00
25 M	Chloroform	3.338	3.314	0.7	100	0.00
26	Cyclohexane	3.226	2.986	7.4	93	0.00
27 s	1,2-Dichloroethane-d4	2.344	2.498	-6.6	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.451	0.436	3.3	98	0.00
30 M	2-Butanone	0.270	0.264	2.2	97	0.00
31	2,2-Dichloropropane	0.542	0.454	16.2	83	0.00
32 M	1,1,1-Trichloroethane	0.550	0.525	4.5	95	0.00
33 M	Carbon Tetrachloride	0.501	0.470	6.2	94	0.00
34 M	Benzene	1.299	1.247	4.0	96	0.00
35	Methacrylonitrile	0.306	0.297	2.9	97	0.00
36 M	1,2-Dichloroethane	0.502	0.510	-1.6	99	0.00
37 M	Trichloroethene	0.366	0.350	4.4	96	0.00
38	Methylcyclohexane	0.553	0.494	10.7	89	0.00
39 M	1,2-Dichloropropane	0.349	0.331	5.2	95	0.00
40	Dibromomethane	0.232	0.221	4.7	96	0.00
41 M	Bromodichloromethane	0.505	0.480	5.0	96	0.00
42 M	Vinyl Acetate	1.024	1.023	0.1	96	0.00
43	Ethyl Acetate	0.588	0.533	9.4	98	0.00
44	Isopropyl Acetate	0.946	0.900	4.9	95	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	88	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015555.D
 Acq On : 07 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 08 04:08:31 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	0.449	4.9	95	0.00
47	n-amyl Acetate	0.816	0.775	5.0	97	0.00
48 M	t-1,3-Dichloropropene	0.583	0.522	10.5	91	0.00
49 T	cis-1,3-Dichloropropene	0.601	0.553	8.0	92	0.00
50 M	1,1,2-Trichloroethane	0.333	0.325	2.4	98	0.00
51	Ethyl methacrylate	0.573	0.543	5.2	97	0.00
52	1,3-Dichloropropane	0.576	0.569	1.2	98	0.00
53 M	Dibromochloromethane	0.411	0.374	9.0	92	0.00
54 M	1,2-Dibromoethane	0.358	0.347	3.1	97	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.267	1.5	96	0.00
56 M	Bromoform	0.338	0.296	12.4	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.574	0.578	-0.7	98	0.00
59 M	2-Hexanone	0.437	0.434	0.7	97	0.00
60 S	4-Bromofluorobenzene	0.513	0.529	-3.1	100	0.00
61 M	Tetrachloroethene	0.386	0.364	5.7	96	0.00
62 M	Toluene	1.520	1.480	2.6	98	0.00
63 S	Toluene-d8	1.275	1.284	-0.7	97	0.00
64 M	Chlorobenzene	0.977	0.942	3.6	100	0.00
65	1,1,1,2-Tetrachloroethane	0.399	0.372	6.8	97	0.00
66 M	Ethyl Benzene	1.736	1.697	2.2	98	0.00
67 M	m/p-Xylenes	0.657	0.632	3.8	98	0.00
68 M	o-Xylene	0.642	0.605	5.8	96	0.00
69 M	Styrene	1.119	1.077	3.8	98	0.00
70	Isopropylbenzene	1.702	1.666	2.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.535	3.1	100	0.00
72	1,2,3-Trichloropropane	0.516	0.501	2.9	98	0.00
73	Bromobenzene	0.457	0.425	7.0	97	0.00
74	n-propylbenzene	1.953	1.896	2.9	97	0.00
75	2-Chlorotoluene	1.188	1.157	2.6	98	0.00
76	1,3,5-Trimethylbenzene	1.462	1.403	4.0	97	0.00
77	t-1,4-Dichloro-2-butene	0.222	0.176	20.7	81	0.00
78	4-Chlorotoluene	1.374	1.355	1.4	99	0.00
79	tert-butylbenzene	1.461	1.373	6.0	96	0.00
80	1,2,4-Trimethylbenzene	1.481	1.427	3.6	97	0.00
81	sec-Butylbenzene	1.676	1.610	3.9	97	0.00
82	p-Isopropyltoluene	1.580	1.510	4.4	98	0.00
83 M	1,3-Dichlorobenzene	0.822	0.784	4.6	100	0.00
84 M	1,4-Dichlorobenzene	0.820	0.801	2.3	102	0.00
85	n-Butylbenzene	1.408	1.346	4.4	98	0.00
86 T	Hexachloroethane	0.305	0.277	9.2	97	0.00
87 M	1,2-Dichlorobenzene	0.802	0.751	6.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.135	6.9	94	0.00
89	1,2,4-Trichlorobenzene	0.646	0.590	8.7	100	0.00
90	Hexachlorobutadiene	0.340	0.262	22.9	87	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
Data File : VX015555.D
Acq On : 07 Apr 2020 21:41
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Apr 08 04:08:31 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	1.841	1.6	100	0.00
92	1,2,3-Trichlorobenzene	0.642	0.607	5.5	102	0.00

(#) = Out of Range

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