

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX062520\
 Data File : VX016959.D
 Acq On : 25 Jun 2020 17:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 26 09:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 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	99	0.00
2 M	Dichlorodifluoromethane	1.459	1.278	12.4	101	0.00
3 M	Chloromethane	1.978	1.786	9.7	90	0.00
4 M	Vinyl Chloride	2.017	1.900	5.8	96	0.00
5 M	Bromomethane	1.453	1.600	-10.1	105	0.00
6 M	Chloroethane	1.301	1.167	10.3	92	0.00
7 M	Trichlorofluoromethane	3.281	3.076	6.2	97	0.00
8 T	Diethyl Ether	1.194	1.096	8.2	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.741	1.631	6.3	97	0.00
10 M	1,1-Dichloroethene	1.717	1.639	4.5	98	0.00
11	Methyl Iodide	2.293	1.527	33.4#	79	0.00
12	Methyl Acetate	2.166	2.058	5.0	98	0.00
13 M	Acrolein	0.342	0.125	63.5#	39	0.00
14 M	Acrylonitrile	1.026	0.940	8.4	92	0.00
15 M	Acetone	0.266	0.251	5.6	97	0.00
16 M	Carbon Disulfide	5.399	4.975	7.9	95	0.00
17	Allyl chloride	3.215	2.999	6.7	93	0.00
18 M	Methylene Chloride	2.069	1.894	8.5	95	0.00
19 M	trans-1,2-Dichloroethene	1.946	1.747	10.2	93	0.00
20 T	Diisopropyl ether	6.425	5.965	7.2	96	0.00
21 M	1,1-Dichloroethane	3.543	3.293	7.1	95	0.00
22 M	cis-1,2-Dichloroethene	2.166	2.017	6.9	96	0.00
23 M	tert-Butyl Alcohol	0.455	0.380	16.5	85	0.00
24 M	Methyl tert-Butyl Ether	6.132	5.716	6.8	96	0.00
25 M	Chloroform	3.592	3.320	7.6	95	0.00
26	Cyclohexane	3.091	2.810	9.1	93	0.00
27 s	1,2-Dichloroethane-d4	2.335	2.255	3.4	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.489	0.447	8.6	95	0.00
30 M	2-Butanone	0.255	0.235	7.8	93	0.00
31	2,2-Dichloropropane	0.560	0.506	9.6	92	0.00
32 M	1,1,1-Trichloroethane	0.591	0.546	7.6	96	0.00
33 M	Carbon Tetrachloride	0.524	0.476	9.2	94	0.00
34 M	Benzene	1.423	1.328	6.7	96	0.00
35	Methacrylonitrile	0.281	0.258	8.2	94	0.00
36 M	1,2-Dichloroethane	0.545	0.487	10.6	92	0.00
37 M	Trichloroethene	0.388	0.352	9.3	92	0.00
38	Methylcyclohexane	0.557	0.512	8.1	98	0.00
39 M	1,2-Dichloropropane	0.371	0.348	6.2	98	0.00
40	Dibromomethane	0.256	0.245	4.3	99	0.00
41 M	Bromodichloromethane	0.529	0.491	7.2	95	0.00
42 M	Vinyl Acetate	1.027	0.961	6.4	96	0.00
43	Ethyl Acetate	0.528	0.494	6.4	96	0.00
44	Isopropyl Acetate	0.870	0.802	7.8	96	0.00
45 T	1,4-Dioxane	0.009	0.006#	33.3#	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062520\
 Data File : VX016959.D
 Acq On : 25 Jun 2020 17:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 26 09:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 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	0.402	0.383	4.7	99	0.00
47	n-amyl Acetate	0.769	0.692	10.0	98	0.00
48 M	t-1,3-Dichloropropene	0.585	0.532	9.1	98	0.00
49 T	cis-1,3-Dichloropropene	0.615	0.573	6.8	96	0.00
50 M	1,1,2-Trichloroethane	0.357	0.327	8.4	96	0.00
51	Ethyl methacrylate	0.547	0.502	8.2	97	0.00
52	1,3-Dichloropropane	0.612	0.578	5.6	95	0.00
53 M	Dibromochloromethane	0.410	0.376	8.3	97	0.00
54 M	1,2-Dibromoethane	0.378	0.351	7.1	97	0.00
55 M	2-Chloroethyl vinyl ether	0.288	0.290	-0.7	105	0.00
56 M	Bromoform	0.291	0.252	13.4	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.553	0.535	3.3	95	0.00
59 M	2-Hexanone	0.412	0.393	4.6	94	0.00
60 S	4-Bromofluorobenzene	0.500	0.490	2.0	97	0.00
61 M	Tetrachloroethene	0.383	0.323	15.7	85	0.00
62 M	Toluene	1.641	1.586	3.4	96	0.00
63 S	Toluene-d8	1.322	1.357	-2.6	98	0.00
64 M	Chlorobenzene	1.028	0.968	5.8	96	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.367	5.2	95	0.00
66 M	Ethyl Benzene	1.820	1.731	4.9	96	0.00
67 M	m/p-Xylenes	0.686	0.650	5.2	96	0.00
68 M	o-Xylene	0.659	0.629	4.6	96	0.00
69 M	Styrene	1.129	1.046	7.4	96	0.00
70	Isopropylbenzene	1.788	1.659	7.2	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.555	-1.1	103	0.00
72	1,2,3-Trichloropropane	0.527	0.516	2.1	96	0.00
73	Bromobenzene	0.451	0.408	9.5	91	0.00
74	n-propylbenzene	2.123	1.952	8.1	95	0.00
75	2-Chlorotoluene	1.238	1.165	5.9	98	0.00
76	1,3,5-Trimethylbenzene	1.501	1.395	7.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.214	0.193	9.8	95	0.00
78	4-Chlorotoluene	1.466	1.356	7.5	96	0.00
79	tert-butylbenzene	1.438	1.347	6.3	96	0.00
80	1,2,4-Trimethylbenzene	1.507	1.408	6.6	96	0.00
81	sec-Butylbenzene	1.741	1.583	9.1	94	0.00
82	p-Isopropyltoluene	1.572	1.422	9.5	94	0.00
83 M	1,3-Dichlorobenzene	0.809	0.754	6.8	95	0.00
84 M	1,4-Dichlorobenzene	0.813	0.767	5.7	97	0.00
85	n-Butylbenzene	1.455	1.277	12.2	92	0.00
86 T	Hexachloroethane	0.308	0.286	7.1	95	0.00
87 M	1,2-Dichlorobenzene	0.757	0.731	3.4	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.125	0.124	0.8	100	0.00
89	1,2,4-Trichlorobenzene	0.511	0.458	10.4	95	0.00
90	Hexachlorobutadiene	0.194	0.160	17.5	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062520\
Data File : VX016959.D
Acq On : 25 Jun 2020 17:21
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 26 09:28:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 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	1.674	1.570	6.2	96	0.00
92	1,2,3-Trichlorobenzene	0.498	0.457	8.2	96	0.00

(#) = Out of Range

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