

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022120\
 Data File : VX014988.D
 Acq On : 21 Feb 2020 11:30
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Quant Time: Feb 22 00:40:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	107	0.00
2 M	Dichlorodifluoromethane	20.000	18.313	8.4	107	0.00
3 M	Chloromethane	20.000	19.922	0.4	115	0.00
4 M	Vinyl Chloride	20.000	18.270	8.7	106	0.00
5 M	Bromomethane	20.000	19.510	2.4	118	0.00
6 M	Chloroethane	20.000	18.048	9.8	102	0.00
7 M	Trichlorofluoromethane	20.000	18.654	6.7	107	0.00
8 T	Diethyl Ether	20.000	18.940	5.3	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.974	5.1	108	0.00
10 M	1,1-Dichloroethene	20.000	18.314	8.4	106	0.00
11	Methyl Iodide	20.000	15.525	22.4	97	0.00
12	Methyl Acetate	20.000	18.723	6.4	109	0.00
13 M	Acrolein	100.000	91.426	8.6	107	0.00
14 M	Acrylonitrile	100.000	94.837	5.2	111	0.00
15 M	Acetone	100.000	92.996	7.0	98	0.00
16 M	Carbon Disulfide	20.000	18.956	5.2	113	0.00
17	Allyl chloride	20.000	18.496	7.5	109	0.00
18 M	Methylene Chloride	20.000	18.615	6.9	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.779	6.1	108	0.00
20 T	Diisopropyl ether	20.000	18.661	6.7	105	0.00
21 M	1,1-Dichloroethane	20.000	18.833	5.8	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.892	5.5	107	0.00
23 M	tert-Butyl Alcohol	100.000	98.408	1.6	116	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.182	4.1	111	0.00
25 M	Chloroform	20.000	18.727	6.4	107	0.00
26	Cyclohexane	20.000	18.739	6.3	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.102	3.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.841	5.8	108	-0.01
30 M	2-Butanone	100.000	96.129	3.9	105	0.00
31	2,2-Dichloropropane	20.000	19.006	5.0	109	0.00
32 M	1,1,1-Trichloroethane	20.000	18.984	5.1	109	-0.01
33 M	Carbon Tetrachloride	20.000	18.924	5.4	109	0.00
34 M	Benzene	20.000	18.993	5.0	107	0.00
35	Methacrylonitrile	20.000	18.575	7.1	109	0.00
36 M	1,2-Dichloroethane	20.000	19.180	4.1	109	0.00
37 M	Trichloroethene	20.000	19.214	3.9	112	0.00
38	Methylcyclohexane	20.000	19.225	3.9	112	0.00
39 M	1,2-Dichloropropane	20.000	18.740	6.3	107	0.00
40	Dibromomethane	20.000	18.574	7.1	104	0.00
41 M	Bromodichloromethane	20.000	18.695	6.5	108	0.00
42 M	Vinyl Acetate	100.000	97.076	2.9	110	0.00
43	Ethyl Acetate	20.000	19.659	1.7	111	0.00
44	Isopropyl Acetate	20.000	19.193	4.0	111	0.00
45 T	1,4-Dioxane	400.000	387.773	3.1	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022120\
 Data File : VX014988.D
 Acq On : 21 Feb 2020 11:30
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Quant Time: Feb 22 00:40:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 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	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.727	6.4	110	0.00
47	n-amyl Acetate	20.000	18.781	6.1	112	0.00
48 M	t-1,3-Dichloropropene	20.000	18.960	5.2	112	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.912	5.4	110	0.00
50 M	1,1,2-Trichloroethane	20.000	18.983	5.1	105	0.00
51	Ethyl methacrylate	20.000	19.101	4.5	113	0.00
52	1,3-Dichloropropane	20.000	18.973	5.1	107	0.00
53 M	Dibromochloromethane	20.000	19.006	5.0	110	0.00
54 M	1,2-Dibromoethane	20.000	19.246	3.8	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.287	10.7	101	0.00
56 M	Bromoform	20.000	18.384	8.1	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.040	2.0	111	0.00
59 M	2-Hexanone	100.000	97.454	2.5	109	0.00
60 S	4-Bromofluorobenzene	30.000	29.267	2.4	104	0.00
61 M	Tetrachloroethene	20.000	18.765	6.2	104	0.00
62 M	Toluene	20.000	18.934	5.3	107	0.00
63 S	Toluene-d8	30.000	30.271	-0.9	106	0.00
64 M	Chlorobenzene	20.000	19.143	4.3	109	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.039	4.8	109	0.00
66 M	Ethyl Benzene	20.000	19.066	4.7	109	0.00
67 M	m/p-Xylenes	40.000	38.513	3.7	110	0.00
68 M	o-Xylene	20.000	19.111	4.4	110	0.00
69 M	Styrene	20.000	18.678	6.6	109	0.00
70	Isopropylbenzene	20.000	19.146	4.3	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.334	3.3	110	0.00
72	1,2,3-Trichloropropane	20.000	17.245	13.8	110	0.00
73	Bromobenzene	20.000	18.758	6.2	107	0.00
74	n-propylbenzene	20.000	19.095	4.5	109	0.00
75	2-Chlorotoluene	20.000	19.220	3.9	108	0.00
76	1,3,5-Trimethylbenzene	20.000	19.106	4.5	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.986	10.1	112	0.00
78	4-Chlorotoluene	20.000	19.078	4.6	110	0.00
79	tert-butylbenzene	20.000	19.343	3.3	112	0.00
80	1,2,4-Trimethylbenzene	20.000	19.022	4.9	109	0.00
81	sec-Butylbenzene	20.000	19.095	4.5	110	0.00
82	p-Isopropyltoluene	20.000	19.029	4.9	109	0.00
83 M	1,3-Dichlorobenzene	20.000	18.964	5.2	111	0.00
84 M	1,4-Dichlorobenzene	20.000	18.916	5.4	110	0.00
85	n-Butylbenzene	20.000	18.278	8.6	109	0.00
86 T	Hexachloroethane	20.000	18.083	9.6	112	0.00
87 M	1,2-Dichlorobenzene	20.000	18.948	5.3	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.726	6.4	111	0.00
89	1,2,4-Trichlorobenzene	20.000	18.374	8.1	110	0.00
90	Hexachlorobutadiene	20.000	19.144	4.3	114	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX022120\
Data File : VX014988.D
Acq On : 21 Feb 2020 11:30
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Quant Time: Feb 22 00:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 11:08:45 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	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.674	6.6	108	0.00
92	1,2,3-Trichlorobenzene	20.000	18.481	7.6	109	0.00

(#) = Out of Range

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