

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX102119\
 Data File : VX013154.D
 Acq On : 21 Oct 2019 15:50
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Quant Time: Oct 22 02:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.958	5.2	91	0.00
3 M	Chloromethane	20.000	20.072	-0.4	99	0.00
4 M	Vinyl Chloride	20.000	19.451	2.7	95	0.00
5 M	Bromomethane	20.000	22.851	-14.3	97	0.00
6 M	Chloroethane	20.000	19.200	4.0	92	0.00
7 M	Trichlorofluoromethane	20.000	18.443	7.8	90	0.00
8 T	Diethyl Ether	20.000	19.978	0.1	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.256	3.7	97	0.00
10 M	1,1-Dichloroethene	20.000	18.845	5.8	93	0.00
11	Methyl Iodide	20.000	15.889	20.6	82	0.00
12	Methyl Acetate	20.000	20.017	-0.1	96	0.00
13 M	Acrolein	100.000	91.725	8.3	84	0.00
14 M	Acrylonitrile	100.000	102.161	-2.2	98	0.00
15 M	Acetone	100.000	102.168	-2.2	93	0.00
16 M	Carbon Disulfide	20.000	18.644	6.8	94	0.00
17	Allyl chloride	20.000	19.492	2.5	96	0.00
18 M	Methylene Chloride	20.000	19.257	3.7	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.473	2.6	96	0.00
20 T	Diisopropyl ether	20.000	19.599	2.0	95	0.00
21 M	1,1-Dichloroethane	20.000	19.272	3.6	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.097	4.5	93	0.00
23 M	tert-Butyl Alcohol	100.000	102.742	-2.7	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.407	3.0	96	0.00
25 M	Chloroform	20.000	19.298	3.5	94	0.00
26	Cyclohexane	20.000	19.145	4.3	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.590	1.4	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.429	2.9	94	0.00
30 M	2-Butanone	100.000	101.661	-1.7	96	0.00
31	2,2-Dichloropropane	20.000	19.035	4.8	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.036	4.8	93	0.00
33 M	Carbon Tetrachloride	20.000	18.727	6.4	92	0.00
34 M	Benzene	20.000	19.731	1.3	94	0.00
35	Methacrylonitrile	20.000	19.540	2.3	96	0.00
36 M	1,2-Dichloroethane	20.000	19.635	1.8	94	0.00
37 M	Trichloroethene	20.000	19.367	3.2	94	0.00
38	Methylcyclohexane	20.000	19.261	3.7	96	0.00
39 M	1,2-Dichloropropane	20.000	20.000	0.0	97	0.00
40	Dibromomethane	20.000	19.979	0.1	96	0.00
41 M	Bromodichloromethane	20.000	19.325	3.4	95	0.00
42 M	Vinyl Acetate	100.000	100.456	-0.5	96	0.00
43	Ethyl Acetate	20.000	20.994	-5.0	104	0.00
44	Isopropyl Acetate	20.000	20.056	-0.3	96	0.00
45 T	1,4-Dioxane	400.000	399.618	0.1	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102119\
 Data File : VX013154.D
 Acq On : 21 Oct 2019 15:50
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Quant Time: Oct 22 02:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 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	20.211	-1.1	98	0.00
47	n-amyl Acetate	20.000	19.586	2.1	100	0.00
48 M	t-1,3-Dichloropropene	20.000	19.284	3.6	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.543	2.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.904	0.5	96	0.00
51	Ethyl methacrylate	20.000	19.594	2.0	97	0.00
52	1,3-Dichloropropane	20.000	20.035	-0.2	96	0.00
53 M	Dibromochloromethane	20.000	18.973	5.1	95	0.00
54 M	1,2-Dibromoethane	20.000	20.141	-0.7	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.203	-8.2	106	0.00
56 M	Bromoform	20.000	18.425	7.9	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.103	-3.1	97	0.00
59 M	2-Hexanone	100.000	101.607	-1.6	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.598	1.3	96	0.00
61 M	Tetrachloroethene	20.000	20.001	-0.0	92	0.00
62 M	Toluene	20.000	20.071	-0.4	96	0.00
63 S	Toluene-d8	30.000	30.455	-1.5	96	0.00
64 M	Chlorobenzene	20.000	19.816	0.9	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.151	-0.8	97	0.00
66 M	Ethyl Benzene	20.000	19.505	2.5	95	0.00
67 M	m/p-Xylenes	40.000	39.019	2.5	94	0.00
68 M	o-Xylene	20.000	19.771	1.1	99	0.00
69 M	Styrene	20.000	19.651	1.7	96	0.00
70	Isopropylbenzene	20.000	19.306	3.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.918	0.4	99	0.00
72	1,2,3-Trichloropropane	20.000	22.130	-10.6	97	0.00
73	Bromobenzene	20.000	18.880	5.6	95	0.00
74	n-propylbenzene	20.000	19.469	2.7	96	0.00
75	2-Chlorotoluene	20.000	19.942	0.3	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.524	2.4	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.863	5.7	98	0.00
78	4-Chlorotoluene	20.000	19.538	2.3	98	0.00
79	tert-butylbenzene	20.000	19.798	1.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.848	0.8	100	0.00
81	sec-Butylbenzene	20.000	19.196	4.0	95	0.00
82	p-Isopropyltoluene	20.000	19.090	4.6	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.157	4.2	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.839	5.8	95	0.00
85	n-Butylbenzene	20.000	18.401	8.0	95	0.00
86 T	Hexachloroethane	20.000	18.608	7.0	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.520	2.4	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.871	5.6	92	0.00
89	1,2,4-Trichlorobenzene	20.000	18.980	5.1	97	0.00
90	Hexachlorobutadiene	20.000	18.246	8.8	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102119\
Data File : VX013154.D
Acq On : 21 Oct 2019 15:50
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Quant Time: Oct 22 02:09:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
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	20.019	-0.1	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.340	3.3	98	0.00

(#) = Out of Range

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