

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX121919\
 Data File : VX014137.D
 Acq On : 19 Dec 2019 21:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 20 03:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.424	12.9	88	0.00
3 M	Chloromethane	20.000	18.472	7.6	90	0.00
4 M	Vinyl Chloride	20.000	18.447	7.8	93	0.00
5 M	Bromomethane	20.000	17.408	13.0	89	0.00
6 M	Chloroethane	20.000	18.936	5.3	97	0.01
7 M	Trichlorofluoromethane	20.000	18.909	5.5	94	0.00
8 T	Diethyl Ether	20.000	18.866	5.7	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.380	8.1	93	0.00
10 M	1,1-Dichloroethene	20.000	18.542	7.3	94	0.00
11	Methyl Iodide	20.000	16.087	19.6	86	0.00
12	Methyl Acetate	20.000	19.269	3.7	95	0.00
13 M	Acrolein	100.000	104.481	-4.5	97	0.00
14 M	Acrylonitrile	100.000	96.813	3.2	98	0.00
15 M	Acetone	100.000	104.328	-4.3	107	0.00
16 M	Carbon Disulfide	20.000	18.858	5.7	98	0.00
17	Allyl chloride	20.000	18.323	8.4	92	0.00
18 M	Methylene Chloride	20.000	17.813	10.9	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.473	7.6	94	0.00
20 T	Diisopropyl ether	20.000	19.184	4.1	95	0.00
21 M	1,1-Dichloroethane	20.000	18.586	7.1	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.233	8.8	92	0.00
23 M	tert-Butyl Alcohol	100.000	103.329	-3.3	103	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.779	6.1	94	0.00
25 M	Chloroform	20.000	18.947	5.3	94	0.00
26	Cyclohexane	20.000	18.405	8.0	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.260	2.5	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.258	3.7	95	0.00
30 M	2-Butanone	100.000	100.786	-0.8	101	0.00
31	2,2-Dichloropropane	20.000	19.422	2.9	96	0.00
32 M	1,1,1-Trichloroethane	20.000	19.057	4.7	95	0.00
33 M	Carbon Tetrachloride	20.000	18.562	7.2	93	0.00
34 M	Benzene	20.000	19.130	4.4	93	0.00
35	Methacrylonitrile	20.000	19.746	1.3	96	0.00
36 M	1,2-Dichloroethane	20.000	18.965	5.2	95	0.00
37 M	Trichloroethene	20.000	18.554	7.2	92	0.00
38	Methylcyclohexane	20.000	18.849	5.8	94	0.00
39 M	1,2-Dichloropropane	20.000	19.101	4.5	94	0.00
40	Dibromomethane	20.000	19.152	4.2	94	0.00
41 M	Bromodichloromethane	20.000	18.756	6.2	95	0.00
42 M	Vinyl Acetate	100.000	87.958	12.0	85	0.00
43	Ethyl Acetate	20.000	19.931	0.3	99	0.00
44	Isopropyl Acetate	20.000	18.995	5.0	96	0.00
45 T	1,4-Dioxane	400.000	431.404	-7.9	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX121919\
 Data File : VX014137.D
 Acq On : 19 Dec 2019 21:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 20 03:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	18.942	5.3	95	0.00
47	n-amyl Acetate	20.000	18.189	9.1	93	0.00
48 M	t-1,3-Dichloropropene	20.000	18.707	6.5	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.817	5.9	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.142	4.3	94	0.00
51	Ethyl methacrylate	20.000	18.682	6.6	95	0.00
52	1,3-Dichloropropane	20.000	18.746	6.3	91	0.00
53 M	Dibromochloromethane	20.000	18.898	5.5	97	0.00
54 M	1,2-Dibromoethane	20.000	19.118	4.4	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.968	0.0	98	0.00
56 M	Bromoform	20.000	18.114	9.4	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.577	3.4	95	0.00
59 M	2-Hexanone	100.000	96.981	3.0	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.343	2.2	96	0.00
61 M	Tetrachloroethene	20.000	23.532	-17.7	120	0.00
62 M	Toluene	20.000	19.148	4.3	94	0.00
63 S	Toluene-d8	30.000	30.375	-1.3	96	0.00
64 M	Chlorobenzene	20.000	18.669	6.7	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.347	8.3	93	0.00
66 M	Ethyl Benzene	20.000	18.938	5.3	94	0.00
67 M	m/p-Xylenes	40.000	37.176	7.1	92	0.00
68 M	o-Xylene	20.000	18.410	7.9	91	0.00
69 M	Styrene	20.000	18.300	8.5	93	0.00
70	Isopropylbenzene	20.000	18.681	6.6	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.554	12.2	87	0.00
72	1,2,3-Trichloropropane	20.000	19.149	4.3	94	0.00
73	Bromobenzene	20.000	18.171	9.1	91	0.00
74	n-propylbenzene	20.000	18.429	7.9	92	0.00
75	2-Chlorotoluene	20.000	18.442	7.8	91	0.00
76	1,3,5-Trimethylbenzene	20.000	18.046	9.8	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.680	11.6	98	0.00
78	4-Chlorotoluene	20.000	17.952	10.2	90	0.00
79	tert-butylbenzene	20.000	17.143	14.3	85	0.00
80	1,2,4-Trimethylbenzene	20.000	18.357	8.2	92	0.00
81	sec-Butylbenzene	20.000	18.094	9.5	91	0.00
82	p-Isopropyltoluene	20.000	17.983	10.1	91	0.00
83 M	1,3-Dichlorobenzene	20.000	18.008	10.0	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.009	10.0	92	0.00
85	n-Butylbenzene	20.000	17.583	12.1	93	0.00
86 T	Hexachloroethane	20.000	17.111	14.4	94	0.00
87 M	1,2-Dichlorobenzene	20.000	18.154	9.2	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.809	6.0	95	0.00
89	1,2,4-Trichlorobenzene	20.000	17.980	10.1	97	0.00
90	Hexachlorobutadiene	20.000	18.508	7.5	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX121919\
Data File : VX014137.D
Acq On : 19 Dec 2019 21:40
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 20 03:51:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	18.915	5.4	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.477	7.6	99	0.00

(#) = Out of Range

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