

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057209.D
 Acq On : 12 Aug 2019 12:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 13 02:06:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.132	4.3	88	0.00
3 M	Chloromethane	20.000	18.354	8.2	87	0.00
4 M	Vinyl Chloride	20.000	17.930	10.4	87	0.00
5 M	Bromomethane	20.000	18.558	7.2	90	0.00
6 M	Chloroethane	20.000	18.494	7.5	90	0.00
7 M	Trichlorofluoromethane	20.000	18.662	6.7	89	0.00
8 T	Diethyl Ether	20.000	17.812	10.9	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.156	9.2	89	0.00
10 M	1,1-Dichloroethene	20.000	17.777	11.1	87	0.00
11	Methyl Iodide	20.000	18.329	8.4	91	0.00
12	Methyl Acetate	20.000	20.560	-2.8	101	0.00
13 M	Acrolein	100.000	92.885	7.1	96	0.00
14 M	Acrylonitrile	100.000	95.548	4.5	93	0.00
15 M	Acetone	100.000	79.092	20.9	66	0.00
16 M	Carbon Disulfide	20.000	17.747	11.3	89	0.00
17	Allyl chloride	20.000	17.357	13.2	82	0.00
18 M	Methylene Chloride	20.000	18.347	8.3	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.900	10.5	88	0.00
20 T	Diisopropyl ether	20.000	18.453	7.7	90	0.00
21 M	1,1-Dichloroethane	20.000	18.452	7.7	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.948	10.3	88	0.00
23 M	tert-Butyl Alcohol	100.000	96.639	3.4	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.411	7.9	91	0.00
25 M	Chloroform	20.000	18.342	8.3	91	0.00
26	Cyclohexane	20.000	17.537	12.3	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.035	-0.1	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	17.879	10.6	87	0.00
30 M	2-Butanone	100.000	88.657	11.3	83	0.00
31	2,2-Dichloropropane	20.000	17.429	12.9	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.313	8.4	90	0.00
33 M	Carbon Tetrachloride	20.000	18.244	8.8	91	0.00
34 M	Benzene	20.000	18.052	9.7	90	0.00
35	Methacrylonitrile	20.000	19.370	3.1	94	0.00
36 M	1,2-Dichloroethane	20.000	18.406	8.0	90	0.00
37 M	Trichloroethene	20.000	18.095	9.5	89	0.00
38	Methylcyclohexane	20.000	17.551	12.2	87	0.00
39 M	1,2-Dichloropropane	20.000	17.905	10.5	89	0.00
40	Dibromomethane	20.000	18.548	7.3	90	0.00
41 M	Bromodichloromethane	20.000	18.179	9.1	89	0.00
42 M	Vinyl Acetate	100.000	91.415	8.6	91	0.00
43	Ethyl Acetate	20.000	19.941	0.3	94	0.00
44	Isopropyl Acetate	20.000	19.613	1.9	96	0.00
45 T	1,4-Dioxane	400.000	384.510	3.9	92	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057209.D
 Acq On : 12 Aug 2019 12:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 13 02:06:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 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	18.801	6.0	95	0.00
47	n-amyl Acetate	20.000	17.661	11.7	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.096	9.5	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.946	10.3	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.678	6.6	92	0.00
51	Ethyl methacrylate	20.000	18.152	9.2	93	0.00
52	1,3-Dichloropropane	20.000	18.692	6.5	92	0.00
53 M	Dibromochloromethane	20.000	18.127	9.4	91	0.00
54 M	1,2-Dibromoethane	20.000	18.873	5.6	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.358	17.6	95	0.00
56 M	Bromoform	20.000	18.117	9.4	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.771	4.2	93	0.00
59 M	2-Hexanone	100.000	91.180	8.8	88	0.00
60 S	4-Bromofluorobenzene	30.000	28.138	6.2	99	0.00
61 M	Tetrachloroethene	20.000	18.871	5.6	91	0.00
62 M	Toluene	20.000	18.225	8.9	90	0.00
63 S	Toluene-d8	30.000	30.019	-0.1	102	0.00
64 M	Chlorobenzene	20.000	18.327	8.4	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.508	7.5	93	0.00
66 M	Ethyl Benzene	20.000	18.102	9.5	90	0.00
67 M	m/p-Xylenes	40.000	36.070	9.8	89	0.00
68 M	o-Xylene	20.000	18.035	9.8	89	0.00
69 M	Styrene	20.000	17.701	11.5	90	0.00
70	Isopropylbenzene	20.000	18.154	9.2	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.614	6.9	92	0.00
72	1,2,3-Trichloropropane	20.000	19.326	3.4	96	0.00
73	Bromobenzene	20.000	17.767	11.2	91	0.00
74	n-propylbenzene	20.000	17.195	14.0	89	0.00
75	2-Chlorotoluene	20.000	17.872	10.6	90	0.00
76	1,3,5-Trimethylbenzene	20.000	17.955	10.2	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.960	15.2	92	0.00
78	4-Chlorotoluene	20.000	16.654	16.7	88	0.00
79	tert-butylbenzene	20.000	18.136	9.3	90	0.00
80	1,2,4-Trimethylbenzene	20.000	17.570	12.1	90	0.00
81	sec-Butylbenzene	20.000	17.214	13.9	87	0.00
82	p-Isopropyltoluene	20.000	16.629	16.9	89	0.00
83 M	1,3-Dichlorobenzene	20.000	16.172	19.1	88	0.00
84 M	1,4-Dichlorobenzene	20.000	16.069	19.7	90	0.00
85	n-Butylbenzene	20.000	16.087	19.6	89	0.00
86 T	Hexachloroethane	20.000	17.581	12.1	92	0.00
87 M	1,2-Dichlorobenzene	20.000	16.762	16.2	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.243	18.8	88	0.00
89	1,2,4-Trichlorobenzene	20.000	16.232	18.8	75	0.00
90	Hexachlorobutadiene	20.000	16.954	15.2	87	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
Data File : VN057209.D
Acq On : 12 Aug 2019 12:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 13 02:06:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 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	10.937	45.3#	84	0.00
92	1,2,3-Trichlorobenzene	20.000	16.874	15.6	77	0.00

(#) = Out of Range

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