

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082719\
 Data File : VN057542.D
 Acq On : 27 Aug 2019 9:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 27 10:06:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	1.569	1.582	-0.8	99	0.00
3 M	Chloromethane	2.357	2.349	0.3	99	0.00
4 M	Vinyl Chloride	2.994	3.040	-1.5	97	0.00
5 M	Bromomethane	1.937	1.942	-0.3	97	0.00
6 M	Chloroethane	2.005	2.005	0.0	98	0.00
7 M	Trichlorofluoromethane	4.762	4.661	2.1	95	0.00
8 T	Diethyl Ether	1.829	1.773	3.1	95	0.00
9	1,1,2-Trichlorotrifluoroeth	2.682	2.686	-0.1	97	0.00
10 M	1,1-Dichloroethene	2.589	2.516	2.8	97	0.00
11	Methyl Iodide	2.328	1.977	15.1	100	0.00
12	Methyl Acetate	2.609	2.356	9.7	95	0.00
13 M	Acrolein	0.332	0.303	8.7	90	0.00
14 M	Acrylonitrile	0.906	0.876	3.3	98	0.00
15 M	Acetone	0.424	0.501	-18.2	104	0.00
16 M	Carbon Disulfide	4.612	4.387	4.9	97	0.00
17	Allyl chloride	3.533	3.335	5.6	95	0.00
18 M	Methylene Chloride	1.899	1.920	-1.1	102	0.00
19 M	trans-1,2-Dichloroethene	1.788	1.828	-2.2	106	0.00
20 T	Diisopropyl ether	7.542	7.434	1.4	98	0.00
21 M	1,1-Dichloroethane	3.919	3.974	-1.4	101	0.00
22 M	cis-1,2-Dichloroethene	2.175	2.238	-2.9	103	0.00
23 M	tert-Butyl Alcohol	0.329	0.296	10.0	92	0.00
24 M	Methyl tert-Butyl Ether	5.983	5.981	0.0	100	0.00
25 M	Chloroform	3.891	3.948	-1.5	103	0.00
26	Cyclohexane	3.490	3.450	1.1	100	0.00
27 s	1,2-Dichloroethane-d4	2.892	2.908	-0.6	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.510	0.495	2.9	101	0.00
30 M	2-Butanone	0.245	0.242	1.2	99	0.00
31	2,2-Dichloropropane	0.583	0.581	0.3	103	0.00
32 M	1,1,1-Trichloroethane	0.583	0.567	2.7	101	0.00
33 M	Carbon Tetrachloride	0.484	0.456	5.8	99	0.00
34 M	Benzene	1.499	1.473	1.7	101	0.00
35	Methacrylonitrile	0.248	0.199	19.8	79	0.00
36 M	1,2-Dichloroethane	0.588	0.580	1.4	104	0.00
37 M	Trichloroethene	0.342	0.341	0.3	102	0.00
38	Methylcyclohexane	0.572	0.558	2.4	103	0.00
39 M	1,2-Dichloropropane	0.426	0.412	3.3	100	0.00
40	Dibromomethane	0.261	0.258	1.1	103	0.00
41 M	Bromodichloromethane	0.553	0.498	9.9	96	0.00
42 M	Vinyl Acetate	1.097	1.004	8.5	95	0.00
43	Ethyl Acetate	0.477	0.464	2.7	100	0.00
44	Isopropyl Acetate	0.911	0.810	11.1	92	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082719\
 Data File : VN057542.D
 Acq On : 27 Aug 2019 9:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 27 10:06:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.433	0.388	10.4	95	0.00
47	n-amyl Acetate	0.733	0.640	12.7	98	0.00
48 M	t-1,3-Dichloropropene	0.584	0.524	10.3	98	0.00
49 T	cis-1,3-Dichloropropene	0.642	0.571	11.1	95	0.00
50 M	1,1,2-Trichloroethane	0.342	0.343	-0.3	104	0.00
51	Ethyl methacrylate	0.568	0.512	9.9	97	0.00
52	1,3-Dichloropropane	0.623	0.597	4.2	99	0.00
53 M	Dibromochloromethane	0.364	0.328	9.9	96	0.00
54 M	1,2-Dibromoethane	0.350	0.334	4.6	103	0.00
55 M	2-Chloroethyl vinyl ether	0.140	0.142	-1.4	125	0.00
56 M	Bromoform	0.217	0.172	20.7	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.589	0.548	7.0	96	0.00
59 M	2-Hexanone	0.408	0.385	5.6	96	0.00
60 S	4-Bromofluorobenzene	0.495	0.469	5.3	105	0.00
61 M	Tetrachloroethene	0.344	0.364	-5.8	108	0.00
62 M	Toluene	1.834	1.841	-0.4	105	0.00
63 S	Toluene-d8	1.515	1.520	-0.3	103	0.00
64 M	Chlorobenzene	0.997	1.004	-0.7	107	0.00
65	1,1,1,2-Tetrachloroethane	0.379	0.371	2.1	104	0.00
66 M	Ethyl Benzene	1.962	1.986	-1.2	107	0.00
67 M	m/p-Xylenes	0.681	0.678	0.4	107	0.00
68 M	o-Xylene	0.673	0.661	1.8	103	0.00
69 M	Styrene	1.074	1.030	4.1	107	0.00
70	Isopropylbenzene	1.799	1.792	0.4	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.520	0.498	4.2	102	0.00
72	1,2,3-Trichloropropane	0.472	0.448	5.1	103	0.00
73	Bromobenzene	0.364	0.357	1.9	108	0.00
74	n-propylbenzene	2.052	1.969	4.0	107	0.00
75	2-Chlorotoluene	1.208	1.195	1.1	107	0.00
76	1,3,5-Trimethylbenzene	1.477	1.483	-0.4	108	0.00
77	t-1,4-Dichloro-2-butene	0.169	0.131	22.5	86	0.00
78	4-Chlorotoluene	1.142	1.097	3.9	111	0.00
79	tert-butylbenzene	1.257	1.251	0.5	107	0.00
80	1,2,4-Trimethylbenzene	1.377	1.376	0.1	108	0.00
81	sec-Butylbenzene	1.656	1.639	1.0	108	0.00
82	p-Isopropyltoluene	1.392	1.338	3.9	109	0.00
83 M	1,3-Dichlorobenzene	0.567	0.532	6.2	109	0.00
84 M	1,4-Dichlorobenzene	0.552	0.515	6.7	113	0.00
85	n-Butylbenzene	1.214	1.167	3.9	117	0.00
86 T	Hexachloroethane	0.281	0.242	13.9	94	0.00
87 M	1,2-Dichlorobenzene	0.557	0.538	3.4	109	0.00
88	1,2-Dibromo-3-Chloropropane	0.087	0.069	20.7	94	0.00
89	1,2,4-Trichlorobenzene	0.209	0.145	30.6#	117	0.00
90	Hexachlorobutadiene	0.160	0.168	-5.0	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082719\
Data File : VN057542.D
Acq On : 27 Aug 2019 9:13
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 27 10:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.675	0.453	32.9#	100	0.00
92	1,2,3-Trichlorobenzene	0.209	0.157	24.9	114	0.00

(#) = Out of Range

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