

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090718\
 Data File : VN051041.D
 Acq On : 7 Sep 2018 8:35
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 07 16:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 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)
1 I	Bromochloromethane	1.000	1.000	0.0	114	0.00
2 M	Dichlorodifluoromethane	1.863	1.579	15.2	90	0.00
3 M	Chloromethane	2.200	1.814	17.5	90	0.00
4 M	Vinyl Chloride	2.174	1.841	15.3	94	0.00
5 M	Bromomethane	1.325	1.307	1.4	117	0.00
6 M	Chloroethane	1.282	1.121	12.6	99	0.00
7 M	Trichlorofluoromethane	2.882	2.568	10.9	100	0.00
8 T	Diethyl Ether	1.016	0.888	12.6	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.785	1.663	6.8	105	0.00
10 M	1,1-Dichloroethene	1.621	1.386	14.5	98	0.00
11	Methyl Iodide	1.512	0.839	44.5#	75	0.00
12	Methyl Acetate	1.874	2.086	-11.3	128	0.00
13 M	Acrolein	0.042	0.080	-90.5#	268#	0.00
14 M	Acrylonitrile	0.634	0.564	11.0	105	0.00
15 M	Acetone	0.162	0.160	1.2	120	0.00
16 M	Carbon Disulfide	4.874	3.891	20.2	92	0.00
17	Allyl chloride	2.551	2.146	15.9	100	0.00
18 M	Methylene Chloride	1.903	1.669	12.3	99	0.00
19 M	trans-1,2-Dichloroethene	1.727	1.493	13.5	100	0.00
20 T	Diisopropyl ether	5.294	4.766	10.0	101	0.00
21 M	1,1-Dichloroethane	3.246	2.883	11.2	100	0.00
22 M	cis-1,2-Dichloroethene	1.951	1.682	13.8	99	0.00
23 M	tert-Butyl Alcohol	0.135	0.119	11.9	106	0.00
24 M	Methyl tert-Butyl Ether	4.434	3.927	11.4	104	0.00
25 M	Chloroform	3.240	2.937	9.4	102	0.00
26	Cyclohexane	2.689	2.207	17.9	97	0.00
27 s	1,2-Dichloroethane-d4	1.914	1.883	1.6	112	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29	1,1-Dichloropropene	0.449	0.402	10.5	101	0.00
30 M	2-Butanone	0.138	0.127	8.0	112	0.00
31	2,2-Dichloropropane	0.437	0.434	0.7	116	0.00
32 M	1,1,1-Trichloroethane	0.509	0.470	7.7	103	0.00
33 M	Carbon Tetrachloride	0.459	0.421	8.3	103	0.00
34 M	Benzene	1.389	1.252	9.9	101	0.00
35	Methacrylonitrile	0.151	0.144	4.6	101	0.00
36 M	1,2-Dichloroethane	0.420	0.389	7.4	102	0.00
37 M	Trichloroethene	0.363	0.325	10.5	102	0.00
38	Methylcyclohexane	0.482	0.412	14.5	102	0.00
39 M	1,2-Dichloropropane	0.363	0.340	6.3	103	0.00
40	Dibromomethane	0.219	0.207	5.5	106	0.00
41 M	Bromodichloromethane	0.461	0.422	8.5	103	0.00
42 M	Vinyl Acetate	0.636	0.527	17.1	95	0.00
43	Ethyl Acetate	0.283	0.250	11.7	97	0.00
44	Isopropyl Acetate	0.499	0.451	9.6	103	0.00
45 T	1,4-Dioxane	0.004	0.003#	25.0	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090718\
 Data File : VN051041.D
 Acq On : 7 Sep 2018 8:35
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 07 16:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 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	0.250	0.217	13.2	103	0.00
47	n-amyl Acetate	0.402	0.356	11.4	109	0.00
48 M	t-1,3-Dichloropropene	0.452	0.404	10.6	106	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.472	9.1	106	0.00
50 M	1,1,2-Trichloroethane	0.318	0.298	6.3	103	0.00
51	Ethyl methacrylate	0.389	0.338	13.1	107	0.00
52	1,3-Dichloropropane	0.526	0.488	7.2	104	0.00
53 M	Dibromochloromethane	0.361	0.338	6.4	108	0.00
54 M	1,2-Dibromoethane	0.314	0.288	8.3	105	0.00
55 M	2-Chloroethyl vinyl ether	0.162	0.127	21.6	94	0.00
56 M	Bromoform	0.257	0.239	7.0	108	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	0.343	0.301	12.2	105	0.00
59 M	2-Hexanone	0.224	0.199	11.2	109	0.00
60 S	4-Bromofluorobenzene	0.446	0.452	-1.3	118	0.00
61 M	Tetrachloroethene	0.374	0.340	9.1	104	0.00
62 M	Toluene	1.674	1.517	9.4	103	0.00
63 S	Toluene-d8	1.399	1.414	-1.1	115	0.00
64 M	Chlorobenzene	1.037	0.945	8.9	106	0.00
65	1,1,1,2-Tetrachloroethane	0.392	0.364	7.1	107	0.00
66 M	Ethyl Benzene	1.734	1.515	12.6	103	0.00
67 M	m/p-Xylenes	0.667	0.613	8.1	105	0.00
68 M	o-Xylene	0.637	0.582	8.6	106	0.00
69 M	Styrene	1.013	0.918	9.4	105	0.00
70	Isopropylbenzene	1.694	1.548	8.6	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.459	0.436	5.0	108	0.00
72	1,2,3-Trichloropropane	0.396	0.368	7.1	106	0.00
73	Bromobenzene	0.446	0.408	8.5	107	0.00
74	n-propylbenzene	1.915	1.763	7.9	106	0.00
75	2-Chlorotoluene	1.163	1.079	7.2	107	0.00
76	1,3,5-Trimethylbenzene	1.384	1.304	5.8	107	0.00
77	t-1,4-Dichloro-2-butene	0.113	0.097	14.2	110	0.00
78	4-Chlorotoluene	1.145	1.062	7.2	107	0.00
79	tert-butylbenzene	1.202	1.104	8.2	105	0.00
80	1,2,4-Trimethylbenzene	1.380	1.317	4.6	108	0.00
81	sec-Butylbenzene	1.573	1.491	5.2	110	0.00
82	p-Isopropyltoluene	1.357	1.273	6.2	109	0.00
83 M	1,3-Dichlorobenzene	0.753	0.709	5.8	110	0.00
84 M	1,4-Dichlorobenzene	0.714	0.669	6.3	110	0.00
85	n-Butylbenzene	1.036	0.942	9.1	112	0.00
86 T	Hexachloroethane	0.261	0.239	8.4	109	0.00
87 M	1,2-Dichlorobenzene	0.742	0.703	5.3	108	0.00
88	1,2-Dibromo-3-Chloropropane	0.064	0.059	7.8	105	0.00
89	1,2,4-Trichlorobenzene	0.330	0.276	16.4	115	0.00
90	Hexachlorobutadiene	0.224	0.243	-8.5	126	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090718\
Data File : VN051041.D
Acq On : 7 Sep 2018 8:35
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 07 16:51:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
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	0.708	0.502	29.1	105	0.00
92	1,2,3-Trichlorobenzene	0.331	0.279	15.7	108	0.00

(#) = Out of Range

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