

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051624.D
 Acq On : 28 Sep 2018 19:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	64	0.00
2 M	Dichlorodifluoromethane	2.633	3.257	-23.7	72	0.00
3 M	Chloromethane	2.946	3.622	-22.9	73	0.00
4 M	Vinyl Chloride	2.890	3.525	-22.0	75	0.00
5 M	Bromomethane	1.501	2.025	-34.9#	82	0.00
6 M	Chloroethane	1.450	1.863	-28.5	72	0.00
7 M	Trichlorofluoromethane	3.531	4.696	-33.0#	82	0.00
8 T	Diethyl Ether	1.109	0.969	12.6	54	0.00
9	1,1,2-Trichlorotrifluoroeth	1.996	1.902	4.7	58	0.00
10 M	1,1-Dichloroethene	1.811	1.700	6.1	57	0.00
11	Methyl Iodide	2.332	2.303	1.2	63	0.00
12	Methyl Acetate	1.599	1.206	24.6	46	0.00
13 M	Acrolein	0.177	0.124	29.9	47	0.00
14 M	Acrylonitrile	0.640	0.504	21.3	49	0.00
15 M	Acetone	0.168	0.120	28.6	43	0.00
16 M	Carbon Disulfide	5.837	4.846	17.0	51	0.00
17	Allyl chloride	3.240	2.430	25.0	47	0.00
18 M	Methylene Chloride	2.083	1.911	8.3	56	0.00
19 M	trans-1,2-Dichloroethene	1.923	1.742	9.4	55	0.00
20 T	Diisopropyl ether	6.428	5.080	21.0	47	0.00
21 M	1,1-Dichloroethane	3.810	3.315	13.0	53	0.00
22 M	cis-1,2-Dichloroethene	2.100	1.949	7.2	56	0.00
23 M	tert-Butyl Alcohol	0.122	0.109	10.7	57	0.00
24 M	Methyl tert-Butyl Ether	4.761	4.539	4.7	59	0.00
25 M	Chloroform	3.643	3.534	3.0	58	0.00
26	Cyclohexane	3.297	2.669	19.0	49	0.00
27 s	1,2-Dichloroethane-d4	2.089	2.158	-3.3	65	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	63	0.00
29	1,1-Dichloropropene	0.512	0.462	9.8	55	0.00
30 M	2-Butanone	0.139	0.103	25.9	47	0.00
31	2,2-Dichloropropane	0.552	0.521	5.6	58	0.00
32 M	1,1,1-Trichloroethane	0.575	0.600	-4.3	64	0.00
33 M	Carbon Tetrachloride	0.517	0.543	-5.0	65	0.00
34 M	Benzene	1.518	1.363	10.2	55	0.00
35	Methacrylonitrile	0.157	0.082	47.8#	31	0.00
36 M	1,2-Dichloroethane	0.484	0.479	1.0	61	0.00
37 M	Trichloroethene	0.390	0.398	-2.1	64	0.00
38	Methylcyclohexane	0.590	0.511	13.4	55	0.00
39 M	1,2-Dichloropropane	0.416	0.353	15.1	52	0.00
40	Dibromomethane	0.231	0.214	7.4	57	0.00
41 M	Bromodichloromethane	0.504	0.493	2.2	60	0.00
42 M	Vinyl Acetate	0.775	0.603	22.2	48	0.00
43	Ethyl Acetate	0.295	0.233	21.0	48	0.00
44	Isopropyl Acetate	0.577	0.446	22.7	50	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	60	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051624.D
 Acq On : 28 Sep 2018 19:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	0.268	0.215	19.8	50	0.00
47	n-amyl Acetate	0.432	0.329	23.8	51	0.00
48 M	t-1,3-Dichloropropene	0.503	0.445	11.5	56	0.00
49 T	cis-1,3-Dichloropropene	0.588	0.526	10.5	56	0.00
50 M	1,1,2-Trichloroethane	0.326	0.302	7.4	57	0.00
51	Ethyl methacrylate	0.396	0.339	14.4	55	0.00
52	1,3-Dichloropropane	0.560	0.505	9.8	56	0.00
53 M	Dibromochloromethane	0.372	0.377	-1.3	64	0.00
54 M	1,2-Dibromoethane	0.313	0.296	5.4	59	0.00
55 M	2-Chloroethyl vinyl ether	0.196	0.162	17.3	52	0.00
56 M	Bromoform	0.247	0.258	-4.5	66	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	64	0.00
58 M	4-Methyl-2-Pentanone	0.341	0.275	19.4	50	0.00
59 M	2-Hexanone	0.224	0.173	22.8	48	0.00
60 S	4-Bromofluorobenzene	0.461	0.441	4.3	62	0.00
61 M	Tetrachloroethene	0.425	0.436	-2.6	62	0.00
62 M	Toluene	1.840	1.716	6.7	57	0.00
63 S	Toluene-d8	1.415	1.369	3.3	61	0.00
64 M	Chlorobenzene	1.112	1.078	3.1	61	0.00
65	1,1,1,2-Tetrachloroethane	0.425	0.451	-6.1	66	0.00
66 M	Ethyl Benzene	1.883	1.757	6.7	59	0.00
67 M	m/p-Xylenes	0.726	0.710	2.2	60	0.00
68 M	o-Xylene	0.693	0.674	2.7	62	0.00
69 M	Styrene	1.087	1.044	4.0	60	0.00
70	Isopropylbenzene	1.848	1.817	1.7	61	0.00
71 M	1,1,2,2-Tetrachloroethane	0.447	0.404	9.6	56	0.00
72	1,2,3-Trichloropropane	0.382	0.348	8.9	54	0.00
73	Bromobenzene	0.460	0.464	-0.9	65	0.00
74	n-propylbenzene	2.151	1.973	8.3	58	0.00
75	2-Chlorotoluene	1.284	1.225	4.6	59	0.00
76	1,3,5-Trimethylbenzene	1.544	1.538	0.4	62	0.00
77	t-1,4-Dichloro-2-butene	0.121	0.098	19.0	54	0.00
78	4-Chlorotoluene	1.269	1.177	7.2	59	0.00
79	tert-butylbenzene	1.338	1.392	-4.0	66	0.00
80	1,2,4-Trimethylbenzene	1.542	1.541	0.1	61	0.00
81	sec-Butylbenzene	1.848	1.786	3.4	60	0.00
82	p-Isopropyltoluene	1.579	1.556	1.5	62	0.00
83 M	1,3-Dichlorobenzene	0.801	0.806	-0.6	64	0.00
84 M	1,4-Dichlorobenzene	0.753	0.737	2.1	62	0.00
85	n-Butylbenzene	1.296	1.133	12.6	57	0.00
86 T	Hexachloroethane	0.316	0.304	3.8	61	0.00
87 M	1,2-Dichlorobenzene	0.784	0.803	-2.4	65	0.00
88	1,2-Dibromo-3-Chloropropane	0.065	0.073	-12.3	72	0.00
89	1,2,4-Trichlorobenzene	0.367	0.448	-22.1	85	0.00
90	Hexachlorobutadiene	0.299	0.415	-38.8#	90	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
Data File : VN051624.D
Acq On : 28 Sep 2018 19:12
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 29 05:38:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 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	0.689	0.755	-9.6	85	0.00
92	1,2,3-Trichlorobenzene	0.369	0.453	-22.8	85	0.00

(#) = Out of Range

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