

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
 Data File : VN051837.D
 Acq On : 12 Oct 2018 17:04
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 13 02:03:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 M	Dichlorodifluoromethane	1.166	1.170	-0.3	95	0.00
3 M	Chloromethane	1.232	1.275	-3.5	94	0.00
4 M	Vinyl Chloride	1.840	1.885	-2.4	91	0.00
5 M	Bromomethane	1.625	1.658	-2.0	95	0.00
6 M	Chloroethane	1.326	1.394	-5.1	93	0.00
7 M	Trichlorofluoromethane	2.623	2.716	-3.5	104	0.00
8 T	Diethyl Ether	0.763	0.771	-1.0	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.494	1.511	-1.1	91	0.00
10 M	1,1-Dichloroethene	1.381	1.406	-1.8	92	0.00
11	Methyl Iodide	2.008	2.006	0.1	96	0.00
12	Methyl Acetate	0.858	0.893	-4.1	93	0.00
13 M	Acrolein	0.057	0.054	5.3	92	0.00
14 M	Acrylonitrile	0.383	0.394	-2.9	95	0.00
15 M	Acetone	0.095	0.094	1.1	87	0.00
16 M	Carbon Disulfide	3.627	3.409	6.0	89	0.00
17	Allyl chloride	1.640	1.631	0.5	88	0.00
18 M	Methylene Chloride	1.544	1.602	-3.8	94	0.00
19 M	trans-1,2-Dichloroethene	1.577	1.591	-0.9	92	0.00
20 T	Diisopropyl ether	3.652	3.717	-1.8	92	0.00
21 M	1,1-Dichloroethane	2.552	2.624	-2.8	92	0.00
22 M	cis-1,2-Dichloroethene	1.852	1.855	-0.2	93	0.00
23 M	tert-Butyl Alcohol	0.101	0.098	3.0	91	0.00
24 M	Methyl tert-Butyl Ether	3.979	4.164	-4.6	96	0.00
25 M	Chloroform	3.027	3.073	-1.5	92	0.00
26	Cyclohexane	2.163	2.100	2.9	88	0.00
27 s	1,2-Dichloroethane-d4	1.825	1.903	-4.3	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.387	0.379	2.1	92	0.00
30 M	2-Butanone	0.081	0.076	6.2	87	0.00
31	2,2-Dichloropropane	0.455	0.404	11.2	82	0.00
32 M	1,1,1-Trichloroethane	0.513	0.508	1.0	94	0.00
33 M	Carbon Tetrachloride	0.464	0.449	3.2	91	0.00
34 M	Benzene	1.144	1.145	-0.1	93	0.00
35	Methacrylonitrile	0.106	0.096	9.4	88	0.00
36 M	1,2-Dichloroethane	0.367	0.367	0.0	93	0.00
37 M	Trichloroethene	0.355	0.352	0.8	93	0.00
38	Methylcyclohexane	0.496	0.464	6.5	88	0.00
39 M	1,2-Dichloropropane	0.269	0.268	0.4	91	0.00
40	Dibromomethane	0.200	0.195	2.5	93	0.00
41 M	Bromodichloromethane	0.413	0.398	3.6	91	0.00
42 M	Vinyl Acetate	0.455	0.447	1.8	91	0.00
43	Ethyl Acetate	0.176	0.180	-2.3	93	0.00
44	Isopropyl Acetate	0.351	0.340	3.1	89	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
 Data File : VN051837.D
 Acq On : 12 Oct 2018 17:04
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 13 02:03:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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)
46	Methyl methacrylate	0.162	0.163	-0.6	93	0.00
47	n-amyl Acetate	0.293	0.259	11.6	89	0.00
48 M	t-1,3-Dichloropropene	0.403	0.373	7.4	91	0.00
49 T	cis-1,3-Dichloropropene	0.444	0.420	5.4	90	0.00
50 M	1,1,2-Trichloroethane	0.276	0.272	1.4	92	0.00
51	Ethyl methacrylate	0.316	0.310	1.9	93	0.00
52	1,3-Dichloropropane	0.426	0.431	-1.2	94	0.00
53 M	Dibromochloromethane	0.342	0.319	6.7	93	0.00
54 M	1,2-Dibromoethane	0.290	0.289	0.3	97	0.00
55 M	2-Chloroethyl vinyl ether	0.135	0.132	2.2	93	0.00
56 M	Bromoform	0.225	0.192	14.7	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.201	0.213	-6.0	95	0.00
59 M	2-Hexanone	0.135	0.130	3.7	89	0.00
60 S	4-Bromofluorobenzene	0.433	0.415	4.2	90	0.00
61 M	Tetrachloroethene	0.384	0.407	-6.0	95	0.00
62 M	Toluene	1.490	1.523	-2.2	93	0.00
63 S	Toluene-d8	1.303	1.316	-1.0	90	0.00
64 M	Chlorobenzene	0.976	0.991	-1.5	94	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.374	0.3	92	0.00
66 M	Ethyl Benzene	1.647	1.638	0.5	91	0.00
67 M	m/p-Xylenes	0.668	0.649	2.8	90	0.00
68 M	o-Xylene	0.658	0.659	-0.2	93	0.00
69 M	Styrene	1.010	0.975	3.5	93	0.00
70	Isopropylbenzene	1.756	1.739	1.0	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.347	0.356	-2.6	94	0.00
72	1,2,3-Trichloropropane	0.273	0.307	-12.5	108	0.00
73	Bromobenzene	0.435	0.425	2.3	95	0.00
74	n-propylbenzene	1.888	1.843	2.4	92	0.00
75	2-Chlorotoluene	1.107	1.099	0.7	93	0.00
76	1,3,5-Trimethylbenzene	1.452	1.414	2.6	92	0.00
77	t-1,4-Dichloro-2-butene	0.090	0.073	18.9	84	0.00
78	4-Chlorotoluene	1.088	1.051	3.4	92	0.00
79	tert-butylbenzene	1.335	1.313	1.6	92	0.00
80	1,2,4-Trimethylbenzene	1.451	1.401	3.4	91	0.00
81	sec-Butylbenzene	1.746	1.698	2.7	91	0.00
82	p-Isopropyltoluene	1.563	1.467	6.1	91	0.00
83 M	1,3-Dichlorobenzene	0.767	0.709	7.6	92	0.00
84 M	1,4-Dichlorobenzene	0.722	0.653	9.6	92	0.00
85	n-Butylbenzene	1.178	1.072	9.0	89	0.00
86 T	Hexachloroethane	0.269	0.243	9.7	90	0.00
87 M	1,2-Dichlorobenzene	0.743	0.707	4.8	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.052	0.049#	5.8	91	0.00
89	1,2,4-Trichlorobenzene	0.346	0.268	22.5	89	0.00
90	Hexachlorobutadiene	0.239	0.222	7.1	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
Data File : VN051837.D
Acq On : 12 Oct 2018 17:04
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 13 02:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 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	0.704	0.556	21.0	97	0.00
92	1,2,3-Trichlorobenzene	0.338	0.290	14.2	93	0.00

(#) = Out of Range

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