

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050505.D
 Acq On : 10 Aug 2018 00:06
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 07:59:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 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	95	0.00
2 M	Dichlorodifluoromethane	2.067	1.551	25.0	63	0.00
3 M	Chloromethane	2.131	1.914	10.2	81	0.00
4 M	Vinyl Chloride	2.269	2.053	9.5	81	0.00
5 M	Bromomethane	1.383	1.152	16.7	76	0.00
6 M	Chloroethane	1.342	1.273	5.1	86	0.00
7 M	Trichlorofluoromethane	2.965	2.791	5.9	83	0.00
8 T	Diethyl Ether	0.995	0.940	5.5	91	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.702	5.7	83	0.00
10 M	1,1-Dichloroethene	1.599	1.542	3.6	88	0.00
11	Methyl Iodide	2.354	0.789	66.5#	31	0.00
12	Methyl Acetate	1.832	1.431	21.9	71	0.00
13 M	Acrolein	0.113	0.096	15.0	90	0.00
14 M	Acrylonitrile	0.611	0.565	7.5	88	0.00
15 M	Acetone	0.162	0.167	-3.1	92	0.00
16 M	Carbon Disulfide	4.895	4.448	9.1	83	0.00
17	Allyl chloride	2.526	2.262	10.5	85	0.00
18 M	Methylene Chloride	1.846	1.818	1.5	90	0.00
19 M	trans-1,2-Dichloroethene	1.712	1.653	3.4	88	0.00
20 T	Diisopropyl ether	5.179	5.274	-1.8	93	0.00
21 M	1,1-Dichloroethane	3.257	3.182	2.3	90	0.00
22 M	cis-1,2-Dichloroethene	1.899	1.890	0.5	93	0.00
23 M	tert-Butyl Alcohol	0.137	0.114	16.8	81	0.00
24 M	Methyl tert-Butyl Ether	4.362	4.230	3.0	91	0.00
25 M	Chloroform	3.297	3.268	0.9	90	0.00
26	Cyclohexane	2.588	2.467	4.7	88	0.00
27 s	1,2-Dichloroethane-d4	2.039	2.034	0.2	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.466	0.433	7.1	87	0.00
30 M	2-Butanone	0.146	0.146	0.0	100	0.00
31	2,2-Dichloropropane	0.515	0.376	27.0	69	0.00
32 M	1,1,1-Trichloroethane	0.548	0.514	6.2	90	0.00
33 M	Carbon Tetrachloride	0.489	0.451	7.8	89	0.00
34 M	Benzene	1.414	1.338	5.4	90	0.00
35	Methacrylonitrile	0.166	0.126	24.1	79	0.00
36 M	1,2-Dichloroethane	0.464	0.427	8.0	88	0.00
37 M	Trichloroethene	0.371	0.360	3.0	93	0.00
38	Methylcyclohexane	0.491	0.429	12.6	86	0.00
39 M	1,2-Dichloropropane	0.372	0.354	4.8	91	0.00
40	Dibromomethane	0.230	0.214	7.0	90	0.00
41 M	Bromodichloromethane	0.486	0.450	7.4	90	0.00
42 M	Vinyl Acetate	0.687	0.624	9.2	90	0.00
43	Ethyl Acetate	0.305	0.260	14.8	82	0.00
44	Isopropyl Acetate	0.565	0.475	15.9	82	0.00
45 T	1,4-Dioxane	0.004	0.003#	25.0	87	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050505.D
 Acq On : 10 Aug 2018 00:06
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 07:59:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 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	0.274	0.233	15.0	84	0.00
47	n-amyl Acetate	0.440	0.377	14.3	91	0.00
48 M	t-1,3-Dichloropropene	0.463	0.405	12.5	86	0.00
49 T	cis-1,3-Dichloropropene	0.544	0.480	11.8	86	0.00
50 M	1,1,2-Trichloroethane	0.330	0.309	6.4	91	0.00
51	Ethyl methacrylate	0.401	0.352	12.2	93	0.00
52	1,3-Dichloropropane	0.543	0.504	7.2	90	0.00
53 M	Dibromochloromethane	0.375	0.338	9.9	89	0.00
54 M	1,2-Dibromoethane	0.324	0.294	9.3	90	0.00
55 M	2-Chloroethyl vinyl ether	0.182	0.171	6.0	95	0.00
56 M	Bromoform	0.265	0.225	15.1	86	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.349	0.382	-9.5	105	0.00
59 M	2-Hexanone	0.238	0.245	-2.9	101	0.00
60 S	4-Bromofluorobenzene	0.461	0.458	0.7	99	0.00
61 M	Tetrachloroethene	0.406	0.397	2.2	90	0.00
62 M	Toluene	1.712	1.641	4.1	90	0.00
63 S	Toluene-d8	1.433	1.430	0.2	95	0.00
64 M	Chlorobenzene	1.038	1.011	2.6	94	0.00
65	1,1,1,2-Tetrachloroethane	0.405	0.388	4.2	91	0.00
66 M	Ethyl Benzene	1.749	1.644	6.0	91	0.00
67 M	m/p-Xylenes	0.673	0.651	3.3	91	0.00
68 M	o-Xylene	0.640	0.618	3.4	94	0.00
69 M	Styrene	1.027	0.996	3.0	93	0.00
70	Isopropylbenzene	1.706	1.626	4.7	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.468	0.435	7.1	91	0.00
72	1,2,3-Trichloropropane	0.400	0.353	11.8	85	0.00
73	Bromobenzene	0.454	0.428	5.7	92	0.00
74	n-propylbenzene	1.987	1.835	7.6	88	0.00
75	2-Chlorotoluene	1.193	1.141	4.4	91	0.00
76	1,3,5-Trimethylbenzene	1.401	1.349	3.7	90	0.00
77	t-1,4-Dichloro-2-butene	0.131	0.086	34.4#	69	0.00
78	4-Chlorotoluene	1.182	1.140	3.6	92	0.00
79	tert-butylbenzene	1.198	1.146	4.3	92	0.00
80	1,2,4-Trimethylbenzene	1.419	1.369	3.5	90	0.00
81	sec-Butylbenzene	1.627	1.496	8.1	87	0.00
82	p-Isopropyltoluene	1.388	1.274	8.2	87	0.00
83 M	1,3-Dichlorobenzene	0.791	0.742	6.2	91	0.00
84 M	1,4-Dichlorobenzene	0.748	0.699	6.6	90	0.00
85	n-Butylbenzene	1.127	0.940	16.6	83	0.00
86 T	Hexachloroethane	0.277	0.215	22.4	75	0.00
87 M	1,2-Dichlorobenzene	0.773	0.733	5.2	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.073	0.059	19.2	80	0.00
89	1,2,4-Trichlorobenzene	0.369	0.323	12.5	91	0.00
90	Hexachlorobutadiene	0.244	0.214	12.3	80	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
Data File : VN050505.D
Acq On : 10 Aug 2018 00:06
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 10 07:59:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 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	0.820	0.640	22.0	91	0.00
92	1,2,3-Trichlorobenzene	0.376	0.320	14.9	86	0.00

(#) = Out of Range

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