

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091418\
 Data File : VN051173.D
 Acq On : 14 Sep 2018 7:44
 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 14 14:47:32 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	95	0.00
2 M	Dichlorodifluoromethane	1.863	1.466	21.3	70	0.00
3 M	Chloromethane	2.200	1.872	14.9	77	0.00
4 M	Vinyl Chloride	2.174	1.949	10.3	83	0.00
5 M	Bromomethane	1.325	1.123	15.2	84	0.00
6 M	Chloroethane	1.282	1.223	4.6	89	0.00
7 M	Trichlorofluoromethane	2.882	2.855	0.9	93	0.00
8 T	Diethyl Ether	1.016	0.939	7.6	91	0.00
9	1,1,2-Trichlorotrifluoroeth	1.785	1.842	-3.2	97	0.00
10 M	1,1-Dichloroethene	1.621	1.600	1.3	94	0.00
11	Methyl Iodide	1.512	1.203	20.4	89	0.00
12	Methyl Acetate	1.874	1.247	33.5#	64	0.00
13 M	Acrolein	0.042	0.108	-157.1#	301#	0.00
14 M	Acrylonitrile	0.634	0.503	20.7	78	0.00
15 M	Acetone	0.162	0.164	-1.2	103	0.00
16 M	Carbon Disulfide	4.874	4.574	6.2	90	0.00
17	Allyl chloride	2.551	2.370	7.1	92	0.00
18 M	Methylene Chloride	1.903	1.872	1.6	92	0.00
19 M	trans-1,2-Dichloroethene	1.727	1.716	0.6	95	0.00
20 T	Diisopropyl ether	5.294	5.263	0.6	92	0.00
21 M	1,1-Dichloroethane	3.246	3.277	-1.0	95	0.00
22 M	cis-1,2-Dichloroethene	1.951	1.947	0.2	95	0.00
23 M	tert-Butyl Alcohol	0.135	0.090	33.3#	66	0.00
24 M	Methyl tert-Butyl Ether	4.434	4.013	9.5	89	0.00
25 M	Chloroform	3.240	3.326	-2.7	96	0.00
26	Cyclohexane	2.689	2.603	3.2	95	0.00
27 s	1,2-Dichloroethane-d4	1.914	1.871	2.2	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.449	0.441	1.8	96	0.00
30 M	2-Butanone	0.138	0.109	21.0	83	0.00
31	2,2-Dichloropropane	0.437	0.482	-10.3	111	0.00
32 M	1,1,1-Trichloroethane	0.509	0.518	-1.8	98	0.00
33 M	Carbon Tetrachloride	0.459	0.467	-1.7	98	0.00
34 M	Benzene	1.389	1.353	2.6	94	0.00
35	Methacrylonitrile	0.151	0.109	27.8	66	0.00
36 M	1,2-Dichloroethane	0.420	0.392	6.7	89	0.00
37 M	Trichloroethene	0.363	0.362	0.3	99	0.00
38	Methylcyclohexane	0.482	0.472	2.1	101	0.00
39 M	1,2-Dichloropropane	0.363	0.355	2.2	94	0.00
40	Dibromomethane	0.219	0.204	6.8	90	0.00
41 M	Bromodichloromethane	0.461	0.452	2.0	96	0.00
42 M	Vinyl Acetate	0.636	0.573	9.9	90	0.00
43	Ethyl Acetate	0.283	0.232	18.0	78	0.00
44	Isopropyl Acetate	0.499	0.411	17.6	81	0.00
45 T	1,4-Dioxane	0.004	0.003#	25.0	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091418\
 Data File : VN051173.D
 Acq On : 14 Sep 2018 7:44
 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 14 14:47:32 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	0.190	24.0	78	0.00
47	n-amyl Acetate	0.402	0.269	33.1#	71	0.00
48 M	t-1,3-Dichloropropene	0.452	0.403	10.8	92	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.493	5.0	96	0.00
50 M	1,1,2-Trichloroethane	0.318	0.299	6.0	90	0.00
51	Ethyl methacrylate	0.389	0.315	19.0	86	0.00
52	1,3-Dichloropropane	0.526	0.484	8.0	89	0.00
53 M	Dibromochloromethane	0.361	0.339	6.1	94	0.00
54 M	1,2-Dibromoethane	0.314	0.271	13.7	85	0.00
55 M	2-Chloroethyl vinyl ether	0.162	0.114	29.6	73	0.00
56 M	Bromoform	0.257	0.215	16.3	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.343	0.261	23.9	74	0.00
59 M	2-Hexanone	0.224	0.163	27.2	73	0.00
60 S	4-Bromofluorobenzene	0.446	0.434	2.7	92	0.00
61 M	Tetrachloroethene	0.374	0.393	-5.1	97	0.00
62 M	Toluene	1.674	1.718	-2.6	95	0.00
63 S	Toluene-d8	1.399	1.443	-3.1	95	0.00
64 M	Chlorobenzene	1.037	1.044	-0.7	94	0.00
65	1,1,1,2-Tetrachloroethane	0.392	0.411	-4.8	98	0.00
66 M	Ethyl Benzene	1.734	1.693	2.4	94	0.00
67 M	m/p-Xylenes	0.667	0.673	-0.9	94	0.00
68 M	o-Xylene	0.637	0.643	-0.9	95	0.00
69 M	Styrene	1.013	0.987	2.6	92	0.00
70	Isopropylbenzene	1.694	1.704	-0.6	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.459	0.396	13.7	80	0.00
72	1,2,3-Trichloropropane	0.396	0.330	16.7	77	0.00
73	Bromobenzene	0.446	0.427	4.3	91	0.00
74	n-propylbenzene	1.915	1.877	2.0	92	0.00
75	2-Chlorotoluene	1.163	1.151	1.0	92	0.00
76	1,3,5-Trimethylbenzene	1.384	1.396	-0.9	93	0.00
77	t-1,4-Dichloro-2-butene	0.113	0.083	26.5	76	0.00
78	4-Chlorotoluene	1.145	1.079	5.8	88	0.00
79	tert-butylbenzene	1.202	1.186	1.3	92	0.00
80	1,2,4-Trimethylbenzene	1.380	1.392	-0.9	92	0.00
81	sec-Butylbenzene	1.573	1.570	0.2	94	0.00
82	p-Isopropyltoluene	1.357	1.336	1.5	93	0.00
83 M	1,3-Dichlorobenzene	0.753	0.700	7.0	88	0.00
84 M	1,4-Dichlorobenzene	0.714	0.643	9.9	86	0.00
85	n-Butylbenzene	1.036	0.926	10.6	90	0.00
86 T	Hexachloroethane	0.261	0.263	-0.8	97	0.00
87 M	1,2-Dichlorobenzene	0.742	0.689	7.1	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.064	0.046#	28.1	66	0.00
89	1,2,4-Trichlorobenzene	0.330	0.222	32.7#	75	0.00
90	Hexachlorobutadiene	0.224	0.235	-4.9	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091418\
Data File : VN051173.D
Acq On : 14 Sep 2018 7:44
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 14 14:47:32 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	0.375	47.0#	64	0.00
92	1,2,3-Trichlorobenzene	0.331	0.238	28.1	75	0.00

(#) = Out of Range

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