

Data Path : W:\HPCHEM1\MSVOA X\Data\VX043018\
 Data File : VX001267.D
 Acq On : 30 Apr 2018 21:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 01 09:30:20 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 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	91	0.00
2 M	Dichlorodifluoromethane	1.967	2.014	-2.4	85	0.00
3 M	Chloromethane	1.836	1.883	-2.6	86	0.00
4 M	Vinyl Chloride	1.926	1.968	-2.2	86	0.00
5 M	Bromomethane	1.454	1.485	-2.1	90	0.01
6 M	Chloroethane	1.178	1.215	-3.1	90	0.01
7 M	Trichlorofluoromethane	3.199	3.368	-5.3	91	0.00
8 T	Diethyl Ether	1.111	1.196	-7.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.814	1.837	-1.3	90	0.00
10 M	1,1-Dichloroethene	1.643	1.715	-4.4	94	0.00
11	Methyl Iodide	1.999	1.768	11.6	87	0.00
12	Methyl Acetate	2.160	2.481	-14.9	101	0.00
13 M	Acrolein	0.258	0.256	0.8	88	0.00
14 M	Acrylonitrile	0.860	0.981	-14.1	101	0.00
15 M	Acetone	0.268	0.273	-1.9	89	0.00
16 M	Carbon Disulfide	4.371	4.196	4.0	87	0.00
17	Allyl chloride	2.916	3.021	-3.6	91	0.00
18 M	Methylene Chloride	1.791	1.855	-3.6	91	0.00
19 M	trans-1,2-Dichloroethene	1.772	1.801	-1.6	90	0.00
20 T	Diisopropyl ether	5.739	5.657	1.4	89	0.00
21 M	1,1-Dichloroethane	3.084	3.073	0.4	85	0.00
22 M	cis-1,2-Dichloroethene	1.978	1.965	0.7	87	0.00
23 M	tert-Butyl Alcohol	0.351	0.451	-28.5	115	0.00
24 M	Methyl tert-Butyl Ether	5.635	5.891	-4.5	93	0.00
25 M	Chloroform	3.358	3.344	0.4	89	0.00
26	Cyclohexane	2.804	2.749	2.0	87	0.00
27 s	1,2-Dichloroethane-d4	2.164	2.225	-2.8	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.444	0.423	4.7	89	0.00
30 M	2-Butanone	0.228	0.237	-3.9	94	0.00
31	2,2-Dichloropropane	0.485	0.412	15.1	78	0.00
32 M	1,1,1-Trichloroethane	0.538	0.506	5.9	86	0.00
33 M	Carbon Tetrachloride	0.485	0.438	9.7	86	0.00
34 M	Benzene	1.317	1.262	4.2	87	0.00
35	Methacrylonitrile	0.253	0.254	-0.4	93	0.00
36 M	1,2-Dichloroethane	0.505	0.495	2.0	90	0.00
37 M	Trichloroethene	0.399	0.383	4.0	88	0.00
38	Methylcyclohexane	0.523	0.488	6.7	87	0.00
39 M	1,2-Dichloropropane	0.334	0.320	4.2	88	0.00
40	Dibromomethane	0.235	0.228	3.0	89	0.00
41 M	Bromodichloromethane	0.444	0.403	9.2	85	0.00
42 M	Vinyl Acetate	0.896	0.844	5.8	86	0.00
43	Ethyl Acetate	0.439	0.457	-4.1	98	0.00
44	Isopropyl Acetate	0.746	0.736	1.3	94	0.00
45 T	1,4-Dioxane	0.007	0.008#	-14.3	112	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.388	0.380	2.1	92	0.00
47	n-amyl Acetate	0.716	0.644	10.1	88	0.00
48 M	t-1,3-Dichloropropene	0.523	0.466	10.9	85	0.00
49 T	cis-1,3-Dichloropropene	0.501	0.434	13.4	83	0.00
50 M	1,1,2-Trichloroethane	0.349	0.338	3.2	88	0.00
51	Ethyl methacrylate	0.497	0.471	5.2	90	0.00
52	1,3-Dichloropropane	0.564	0.560	0.7	91	0.00
53 M	Dibromochloromethane	0.385	0.339	11.9	85	0.00
54 M	1,2-Dibromoethane	0.373	0.361	3.2	90	0.00
55 M	2-Chloroethyl vinyl ether	0.244	0.243	0.4	91	0.00
56 M	Bromoform	0.315	0.271	14.0	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.498	0.524	-5.2	96	0.00
59 M	2-Hexanone	0.388	0.393	-1.3	94	0.00
60 S	4-Bromofluorobenzene	0.503	0.484	3.8	91	0.00
61 M	Tetrachloroethene	0.460	0.468	-1.7	88	0.00
62 M	Toluene	1.612	1.548	4.0	88	0.00
63 S	Toluene-d8	1.287	1.295	-0.6	93	0.00
64 M	Chlorobenzene	1.088	1.035	4.9	88	0.00
65	1,1,1,2-Tetrachloroethane	0.397	0.368	7.3	84	0.00
66 M	Ethyl Benzene	1.800	1.687	6.3	86	0.00
67 M	m/p-Xylenes	0.715	0.676	5.5	89	0.00
68 M	o-Xylene	0.691	0.661	4.3	88	0.00
69 M	Styrene	1.150	1.057	8.1	86	0.00
70	Isopropylbenzene	1.876	1.765	5.9	87	0.00
71 M	1,1,2,2-Tetrachloroethane	0.550	0.534	2.9	92	0.00
72	1,2,3-Trichloropropane	0.493	0.502	-1.8	91	0.00
73	Bromobenzene	0.545	0.511	6.2	88	0.00
74	n-propylbenzene	2.119	1.989	6.1	88	0.00
75	2-Chlorotoluene	1.279	1.205	5.8	89	0.00
76	1,3,5-Trimethylbenzene	1.599	1.496	6.4	88	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.118	19.7	88	0.00
78	4-Chlorotoluene	1.526	1.401	8.2	86	0.00
79	tert-butylbenzene	1.711	1.648	3.7	91	0.00
80	1,2,4-Trimethylbenzene	1.627	1.529	6.0	87	0.00
81	sec-Butylbenzene	1.856	1.781	4.0	90	0.00
82	p-Isopropyltoluene	1.711	1.648	3.7	91	0.00
83 M	1,3-Dichlorobenzene	0.994	0.919	7.5	87	0.00
84 M	1,4-Dichlorobenzene	1.014	0.931	8.2	86	0.00
85	n-Butylbenzene	1.479	1.362	7.9	90	0.00
86 T	Hexachloroethane	0.261	0.220	15.7	83	0.00
87 M	1,2-Dichlorobenzene	0.989	0.932	5.8	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.115	0.110	4.3	92	0.00
89	1,2,4-Trichlorobenzene	0.749	0.718	4.1	91	0.00
90	Hexachlorobutadiene	0.348	0.381	-9.5	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.943	1.976	-1.7	95	0.00
92	1,2,3-Trichlorobenzene	0.739	0.729	1.4	94	0.00

(#) = Out of Range

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