

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001309.D
 Acq On : 02 May 2018 10:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 05:07:32 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	85	0.00
2 M	Dichlorodifluoromethane	1.967	1.705	13.3	68	0.00
3 M	Chloromethane	1.836	1.609	12.4	69	0.00
4 M	Vinyl Chloride	1.926	1.679	12.8	69	0.00
5 M	Bromomethane	1.454	1.203	17.3	69	0.00
6 M	Chloroethane	1.178	1.024	13.1	71	0.00
7 M	Trichlorofluoromethane	3.199	2.883	9.9	73	0.00
8 T	Diethyl Ether	1.111	0.984	11.4	74	0.00
9	1,1,2-Trichlorotrifluoroeth	1.814	1.700	6.3	78	0.00
10 M	1,1-Dichloroethene	1.643	1.457	11.3	75	0.00
11	Methyl Iodide	1.999	2.202	-10.2	102	0.00
12	Methyl Acetate	2.160	2.111	2.3	81	0.00
13 M	Acrolein	0.258	0.129	50.0#	42	0.00
14 M	Acrylonitrile	0.860	0.793	7.8	77	0.00
15 M	Acetone	0.268	0.240	10.4	73	0.00
16 M	Carbon Disulfide	4.371	3.399	22.2	67	0.00
17	Allyl chloride	2.916	2.519	13.6	72	0.00
18 M	Methylene Chloride	1.791	1.606	10.3	74	0.00
19 M	trans-1,2-Dichloroethene	1.772	1.525	13.9	72	0.00
20 T	Diisopropyl ether	5.739	4.849	15.5	72	0.00
21 M	1,1-Dichloroethane	3.084	2.814	8.8	73	0.00
22 M	cis-1,2-Dichloroethene	1.978	1.700	14.1	71	0.00
23 M	tert-Butyl Alcohol	0.351	0.354	-0.9	85	0.00
24 M	Methyl tert-Butyl Ether	5.635	4.966	11.9	74	0.00
25 M	Chloroform	3.358	2.844	15.3	71	0.00
26	Cyclohexane	2.804	2.309	17.7	69	0.00
27 s	1,2-Dichloroethane-d4	2.164	2.083	3.7	81	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.444	0.382	14.0	71	0.00
30 M	2-Butanone	0.228	0.204	10.5	72	0.00
31	2,2-Dichloropropane	0.485	0.393	19.0	66	0.00
32 M	1,1,1-Trichloroethane	0.538	0.452	16.0	69	0.00
33 M	Carbon Tetrachloride	0.485	0.404	16.7	71	0.00
34 M	Benzene	1.317	1.136	13.7	70	0.00
35	Methacrylonitrile	0.253	0.223	11.9	73	0.00
36 M	1,2-Dichloroethane	0.505	0.439	13.1	71	0.00
37 M	Trichloroethene	0.399	0.353	11.5	72	0.00
38	Methylcyclohexane	0.523	0.455	13.0	72	0.00
39 M	1,2-Dichloropropane	0.334	0.291	12.9	71	0.00
40	Dibromomethane	0.235	0.208	11.5	72	0.00
41 M	Bromodichloromethane	0.444	0.363	18.2	68	0.00
42 M	Vinyl Acetate	0.896	0.779	13.1	71	0.00
43	Ethyl Acetate	0.439	0.381	13.2	73	0.00
44	Isopropyl Acetate	0.746	0.611	18.1	69	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.388	0.322	17.0	70	0.00
47	n-amyl Acetate	0.716	0.554	22.6	67	0.00
48 M	t-1,3-Dichloropropene	0.523	0.423	19.1	69	0.00
49 T	cis-1,3-Dichloropropene	0.501	0.369	26.3	63	0.00
50 M	1,1,2-Trichloroethane	0.349	0.312	10.6	72	0.00
51	Ethyl methacrylate	0.497	0.413	16.9	70	0.00
52	1,3-Dichloropropane	0.564	0.497	11.9	72	0.00
53 M	Dibromochloromethane	0.385	0.303	21.3	68	0.00
54 M	1,2-Dibromoethane	0.373	0.322	13.7	72	0.00
55 M	2-Chloroethyl vinyl ether	0.244	0.271	-11.1	90	0.00
56 M	Bromoform	0.315	0.239	24.1	69	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.498	0.438	12.0	72	0.00
59 M	2-Hexanone	0.388	0.338	12.9	73	0.00
60 S	4-Bromofluorobenzene	0.503	0.475	5.6	81	0.00
61 M	Tetrachloroethene	0.460	0.475	-3.3	81	0.00
62 M	Toluene	1.612	1.383	14.2	71	0.00
63 S	Toluene-d8	1.287	1.282	0.4	83	0.00
64 M	Chlorobenzene	1.088	0.927	14.8	71	0.00
65	1,1,1,2-Tetrachloroethane	0.397	0.321	19.1	67	0.00
66 M	Ethyl Benzene	1.800	1.497	16.8	69	0.00
67 M	m/p-Xylenes	0.715	0.595	16.8	71	0.00
68 M	o-Xylene	0.691	0.579	16.2	70	0.00
69 M	Styrene	1.150	0.942	18.1	69	0.00
70	Isopropylbenzene	1.876	1.586	15.5	71	0.00
71 M	1,1,2,2-Tetrachloroethane	0.550	0.445	19.1	69	0.00
72	1,2,3-Trichloropropane	0.493	0.437	11.4	71	0.00
73	Bromobenzene	0.545	0.458	16.0	72	0.00
74	n-propylbenzene	2.119	1.789	15.6	72	0.00
75	2-Chlorotoluene	1.279	1.082	15.4	72	0.00
76	1,3,5-Trimethylbenzene	1.599	1.362	14.8	73	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.098	33.3#	66	0.00
78	4-Chlorotoluene	1.526	1.243	18.5	69	0.00
79	tert-butylbenzene	1.711	1.477	13.7	74	0.00
80	1,2,4-Trimethylbenzene	1.627	1.375	15.5	71	0.00
81	sec-Butylbenzene	1.856	1.615	13.0	74	0.00
82	p-Isopropyltoluene	1.711	1.477	13.7	74	0.00
83 M	1,3-Dichlorobenzene	0.994	0.840	15.5	72	0.00
84 M	1,4-Dichlorobenzene	1.014	0.838	17.4	70	0.00
85	n-Butylbenzene	1.479	1.223	17.3	73	0.00
86 T	Hexachloroethane	0.261	0.197	24.5	67	0.00
87 M	1,2-Dichlorobenzene	0.989	0.827	16.4	71	0.00
88	1,2-Dibromo-3-Chloropropane	0.115	0.090	21.7	68	0.00
89	1,2,4-Trichlorobenzene	0.749	0.624	16.7	72	0.00
90	Hexachlorobutadiene	0.348	0.345	0.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.943	1.642	15.5	72	0.00
92	1,2,3-Trichlorobenzene	0.739	0.638	13.7	74	0.00

(#) = Out of Range

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