

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022219\
 Data File : VX007660.D
 Acq On : 22 Feb 2019 15:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 23 01:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 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	86	0.00
2 M	Dichlorodifluoromethane	1.519	1.615	-6.3	92	0.00
3 M	Chloromethane	1.670	1.714	-2.6	88	0.00
4 M	Vinyl Chloride	1.878	1.860	1.0	87	0.00
5 M	Bromomethane	1.677	1.363	18.7	80	0.00
6 M	Chloroethane	1.277	1.182	7.4	85	0.00
7 M	Trichlorofluoromethane	2.944	2.849	3.2	85	0.00
8 T	Diethyl Ether	1.176	1.134	3.6	85	0.00
9	1,1,2-Trichlorotrifluoroeth	1.661	1.704	-2.6	91	0.00
10 M	1,1-Dichloroethene	1.648	1.609	2.4	85	0.00
11	Methyl Iodide	2.369	2.381	-0.5	92	0.00
12	Methyl Acetate	2.273	2.011	11.5	81	0.00
13 M	Acrolein	0.396	0.278	29.8	65	0.00
14 M	Acrylonitrile	1.047	0.964	7.9	80	0.00
15 M	Acetone	0.284	0.264	7.0	81	0.00
16 M	Carbon Disulfide	4.371	4.149	5.1	85	0.00
17	Allyl chloride	2.824	2.593	8.2	83	0.00
18 M	Methylene Chloride	1.853	1.748	5.7	83	0.00
19 M	trans-1,2-Dichloroethene	1.763	1.716	2.7	87	0.00
20 T	Diisopropyl ether	5.337	5.350	-0.2	88	0.00
21 M	1,1-Dichloroethane	2.992	2.987	0.2	88	0.00
22 M	cis-1,2-Dichloroethene	1.962	1.959	0.2	87	0.00
23 M	tert-Butyl Alcohol	0.440	0.377	14.3	76	0.00
24 M	Methyl tert-Butyl Ether	5.720	5.347	6.5	83	0.00
25 M	Chloroform	3.160	3.213	-1.7	90	0.00
26	Cyclohexane	2.509	2.483	1.0	86	0.00
27 s	1,2-Dichloroethane-d4	1.941	1.986	-2.3	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.418	0.421	-0.7	87	0.00
30 M	2-Butanone	0.248	0.243	2.0	83	0.00
31	2,2-Dichloropropane	0.340	0.391	-15.0	100	0.00
32 M	1,1,1-Trichloroethane	0.500	0.512	-2.4	89	0.00
33 M	Carbon Tetrachloride	0.442	0.440	0.5	89	0.00
34 M	Benzene	1.319	1.318	0.1	86	0.00
35	Methacrylonitrile	0.257	0.260	-1.2	88	0.00
36 M	1,2-Dichloroethane	0.449	0.450	-0.2	87	0.00
37 M	Trichloroethene	0.379	0.380	-0.3	86	0.00
38	Methylcyclohexane	0.484	0.494	-2.1	89	0.00
39 M	1,2-Dichloropropane	0.328	0.325	0.9	86	0.00
40	Dibromomethane	0.237	0.240	-1.3	86	0.00
41 M	Bromodichloromethane	0.421	0.421	0.0	89	0.00
42 M	Vinyl Acetate	0.867	0.876	-1.0	86	0.00
43	Ethyl Acetate	0.474	0.467	1.5	84	0.00
44	Isopropyl Acetate	0.732	0.716	2.2	87	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	75	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.371	0.361	2.7	85	0.00
47	n-amyl Acetate	0.645	0.653	-1.2	90	0.00
48 M	t-1,3-Dichloropropene	0.434	0.434	0.0	92	0.00
49 T	cis-1,3-Dichloropropene	0.483	0.489	-1.2	90	0.00
50 M	1,1,2-Trichloroethane	0.346	0.364	-5.2	90	0.00
51	Ethyl methacrylate	0.501	0.487	2.8	84	0.00
52	1,3-Dichloropropane	0.557	0.581	-4.3	89	0.00
53 M	Dibromochloromethane	0.359	0.355	1.1	89	0.00
54 M	1,2-Dibromoethane	0.378	0.390	-3.2	89	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.259	-1.6	88	0.00
56 M	Bromoform	0.271	0.260	4.1	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.540	0.532	1.5	85	0.00
59 M	2-Hexanone	0.410	0.404	1.5	85	0.00
60 S	4-Bromofluorobenzene	0.460	0.473	-2.8	89	0.00
61 M	Tetrachloroethene	0.426	0.432	-1.4	89	0.00
62 M	Toluene	1.634	1.635	-0.1	88	0.00
63 S	Toluene-d8	1.356	1.360	-0.3	86	0.00
64 M	Chlorobenzene	1.062	1.057	0.5	87	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.388	-0.8	90	0.00
66 M	Ethyl Benzene	1.734	1.716	1.0	88	0.00
67 M	m/p-Xylenes	0.680	0.686	-0.9	91	0.00
68 M	o-Xylene	0.663	0.664	-0.2	89	0.00
69 M	Styrene	1.070	1.072	-0.2	90	0.00
70	Isopropylbenzene	1.750	1.745	0.3	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.588	-1.7	88	0.00
72	1,2,3-Trichloropropane	0.529	0.547	-3.4	90	0.00
73	Bromobenzene	0.478	0.479	-0.2	89	0.00
74	n-propylbenzene	1.943	1.961	-0.9	91	0.00
75	2-Chlorotoluene	1.162	1.180	-1.5	91	0.00
76	1,3,5-Trimethylbenzene	1.428	1.408	1.4	88	0.00
77	t-1,4-Dichloro-2-butene	0.153	0.147	3.9	94	0.00
78	4-Chlorotoluene	1.326	1.309	1.3	90	0.00
79	tert-butylbenzene	1.517	1.512	0.3	90	0.00
80	1,2,4-Trimethylbenzene	1.450	1.477	-1.9	91	0.00
81	sec-Butylbenzene	1.706	1.712	-0.4	90	0.00
82	p-Isopropyltoluene	1.517	1.512	0.3	90	0.00
83 M	1,3-Dichlorobenzene	0.840	0.849	-1.1	90	0.00
84 M	1,4-Dichlorobenzene	0.838	0.838	0.0	89	0.00
85	n-Butylbenzene	1.259	1.262	-0.2	94	0.00
86 T	Hexachloroethane	0.252	0.248	1.6	92	0.00
87 M	1,2-Dichlorobenzene	0.843	0.848	-0.6	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.115	5.0	88	0.00
89	1,2,4-Trichlorobenzene	0.554	0.550	0.7	92	0.00
90	Hexachlorobutadiene	0.259	0.268	-3.5	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.766	1.705	3.5	88	0.00
92	1,2,3-Trichlorobenzene	0.563	0.557	1.1	91	0.00

(#) = Out of Range

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