

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX040219\
 Data File : VX008603.D
 Acq On : 02 Apr 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 03 04:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	82	0.00
2 M	Dichlorodifluoromethane	2.051	1.865	9.1	75	0.00
3 M	Chloromethane	2.688	2.678	0.4	81	0.00
4 M	Vinyl Chloride	2.709	2.456	9.3	75	0.00
5 M	Bromomethane	1.404	1.280	8.8	82	0.00
6 M	Chloroethane	1.773	1.520	14.3	75	0.00
7 M	Trichlorofluoromethane	3.007	2.803	6.8	77	0.00
8 T	Diethyl Ether	1.418	1.336	5.8	77	0.00
9	1,1,2-Trichlorotrifluoroeth	1.873	1.817	3.0	82	0.00
10 M	1,1-Dichloroethene	1.900	1.874	1.4	82	0.00
11	Methyl Iodide	1.967	1.395	29.1	65	0.00
12	Methyl Acetate	1.540	1.594	-3.5	85	0.00
13 M	Acrolein	0.442	0.445	-0.7	85	0.00
14 M	Acrylonitrile	1.424	1.510	-6.0	88	0.00
15 M	Acetone	0.439	0.409	6.8	70	0.00
16 M	Carbon Disulfide	5.910	5.565	5.8	79	0.00
17	Allyl chloride	4.270	4.285	-0.4	85	0.00
18 M	Methylene Chloride	2.271	2.338	-3.0	85	0.00
19 M	trans-1,2-Dichloroethene	2.030	1.975	2.7	81	0.00
20 T	Diisopropyl ether	8.310	8.487	-2.1	85	0.00
21 M	1,1-Dichloroethane	4.171	4.238	-1.6	84	0.00
22 M	cis-1,2-Dichloroethene	2.345	2.329	0.7	84	0.00
23 M	tert-Butyl Alcohol	0.575	0.620	-7.8	90	0.00
24 M	Methyl tert-Butyl Ether	6.982	7.036	-0.8	84	0.00
25 M	Chloroform	3.778	3.858	-2.1	84	0.00
26	Cyclohexane	4.052	3.939	2.8	82	0.00
27 s	1,2-Dichloroethane-d4	2.510	2.524	-0.6	82	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.505	0.486	3.8	81	0.00
30 M	2-Butanone	0.371	0.382	-3.0	82	0.00
31	2,2-Dichloropropane	0.504	0.482	4.4	81	0.00
32 M	1,1,1-Trichloroethane	0.524	0.518	1.1	83	0.00
33 M	Carbon Tetrachloride	0.439	0.426	3.0	82	0.00
34 M	Benzene	1.543	1.539	0.3	82	0.00
35	Methacrylonitrile	0.377	0.397	-5.3	89	0.00
36 M	1,2-Dichloroethane	0.550	0.564	-2.5	85	0.00
37 M	Trichloroethene	0.355	0.348	2.0	83	0.00
38	Methylcyclohexane	0.636	0.609	4.2	81	0.00
39 M	1,2-Dichloropropane	0.438	0.440	-0.5	83	0.00
40	Dibromomethane	0.253	0.251	0.8	83	0.00
41 M	Bromodichloromethane	0.498	0.494	0.8	84	0.00
42 M	Vinyl Acetate	1.258	1.303	-3.6	85	0.00
43	Ethyl Acetate	0.668	0.706	-5.7	86	0.00
44	Isopropyl Acetate	1.080	1.103	-2.1	86	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.549	0.563	-2.6	87	0.00
47	n-amyl Acetate	0.981	0.996	-1.5	88	0.00
48 M	t-1,3-Dichloropropene	0.563	0.543	3.6	85	0.00
49 T	cis-1,3-Dichloropropene	0.630	0.620	1.6	84	0.00
50 M	1,1,2-Trichloroethane	0.376	0.379	-0.8	86	0.00
51	Ethyl methacrylate	0.700	0.690	1.4	85	0.00
52	1,3-Dichloropropane	0.670	0.671	-0.1	83	0.00
53 M	Dibromochloromethane	0.370	0.354	4.3	83	0.00
54 M	1,2-Dibromoethane	0.388	0.388	0.0	84	0.00
55 M	2-Chloroethyl vinyl ether	0.353	0.355	-0.6	93	0.00
56 M	Bromoform	0.270	0.254	5.9	85	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.791	0.834	-5.4	89	0.00
59 M	2-Hexanone	0.625	0.643	-2.9	84	0.00
60 S	4-Bromofluorobenzene	0.523	0.508	2.9	82	0.00
61 M	Tetrachloroethene	0.328	0.338	-3.0	87	0.00
62 M	Toluene	1.816	1.816	0.0	84	0.00
63 S	Toluene-d8	1.424	1.404	1.4	80	0.00
64 M	Chlorobenzene	1.064	1.051	1.2	84	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.367	2.1	85	0.00
66 M	Ethyl Benzene	2.016	1.981	1.7	83	0.00
67 M	m/p-Xylenes	0.735	0.717	2.4	83	0.00
68 M	o-Xylene	0.720	0.706	1.9	83	0.00
69 M	Styrene	1.252	1.207	3.6	84	0.00
70	Isopropylbenzene	1.898	1.879	1.0	85	0.00
71 M	1,1,2,2-Tetrachloroethane	0.709	0.717	-1.1	86	0.00
72	1,2,3-Trichloropropane	0.599	0.614	-2.5	85	0.00
73	Bromobenzene	0.452	0.441	2.4	85	0.00
74	n-propylbenzene	2.261	2.141	5.3	82	0.00
75	2-Chlorotoluene	1.345	1.306	2.9	83	0.00
76	1,3,5-Trimethylbenzene	1.623	1.549	4.6	82	0.00
77	t-1,4-Dichloro-2-butene	0.230	0.216	6.1	89	0.00
78	4-Chlorotoluene	1.548	1.462	5.6	83	0.00
79	tert-butylbenzene	1.658	1.584	4.5	82	0.00
80	1,2,4-Trimethylbenzene	1.618	1.553	4.0	83	0.00
81	sec-Butylbenzene	1.854	1.780	4.0	83	0.00
82	p-Isopropyltoluene	1.658	1.584	4.5	82	0.00
83 M	1,3-Dichlorobenzene	0.802	0.768	4.2	84	0.00
84 M	1,4-Dichlorobenzene	0.801	0.773	3.5	85	0.00
85	n-Butylbenzene	1.576	1.438	8.8	81	0.00
86 T	Hexachloroethane	0.277	0.254	8.3	83	0.00
87 M	1,2-Dichlorobenzene	0.808	0.792	2.0	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.157	0.161	-2.5	87	0.00
89	1,2,4-Trichlorobenzene	0.557	0.549	1.4	88	0.00
90	Hexachlorobutadiene	0.268	0.264	1.5	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.909	1.961	-2.7	86	0.00
92	1,2,3-Trichlorobenzene	0.561	0.573	-2.1	88	0.00

(#) = Out of Range

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