

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062818\
 Data File : VX002978.D
 Acq On : 28 Jun 2018 11:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 29 05:32:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 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	108	0.00
2 M	Dichlorodifluoromethane	1.432	1.489	-4.0	113	0.00
3 M	Chloromethane	1.554	1.504	3.2	102	0.00
4 M	Vinyl Chloride	1.732	1.676	3.2	102	0.00
5 M	Bromomethane	1.012	0.545	46.1#	58	0.00
6 M	Chloroethane	1.165	1.272	-9.2	114	0.01
7 M	Trichlorofluoromethane	3.079	3.007	2.3	102	0.00
8 T	Diethyl Ether	1.098	1.101	-0.3	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.762	1.778	-0.9	108	0.00
10 M	1,1-Dichloroethene	1.551	1.519	2.1	104	0.00
11	Methyl Iodide	1.786	0.937	47.5#	67	0.00
12	Methyl Acetate	2.517	2.712	-7.7	108	0.00
13 M	Acrolein	0.179	0.094	47.5#	66	0.00
14 M	Acrylonitrile	0.947	0.931	1.7	103	-0.01
15 M	Acetone	0.263	0.304	-15.6	115	-0.01
16 M	Carbon Disulfide	3.883	4.107	-5.8	118	0.00
17	Allyl chloride	3.086	3.085	0.0	105	0.00
18 M	Methylene Chloride	1.775	1.711	3.6	102	0.00
19 M	trans-1,2-Dichloroethene	1.663	1.612	3.1	103	0.00
20 T	Diisopropyl ether	5.751	5.915	-2.9	112	0.00
21 M	1,1-Dichloroethane	3.092	3.196	-3.4	102	0.00
22 M	cis-1,2-Dichloroethene	1.788	1.881	-5.2	111	0.00
23 M	tert-Butyl Alcohol	0.430	0.432	-0.5	101	-0.03
24 M	Methyl tert-Butyl Ether	5.791	5.570	3.8	102	0.00
25 M	Chloroform	3.103	3.276	-5.6	110	0.00
26	Cyclohexane	2.627	2.644	-0.6	107	0.00
27 s	1,2-Dichloroethane-d4	2.291	2.291	0.0	108	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.405	0.426	-5.2	110	0.00
30 M	2-Butanone	0.232	0.260	-12.1	115	-0.01
31	2,2-Dichloropropane	0.433	0.493	-13.9	118	0.00
32 M	1,1,1-Trichloroethane	0.489	0.537	-9.8	115	0.00
33 M	Carbon Tetrachloride	0.440	0.477	-8.4	117	0.00
34 M	Benzene	1.200	1.248	-4.0	108	0.00
35	Methacrylonitrile	0.252	0.270	-7.1	109	0.00
36 M	1,2-Dichloroethane	0.471	0.496	-5.3	109	0.00
37 M	Trichloroethene	0.351	0.376	-7.1	113	0.00
38	Methylcyclohexane	0.493	0.498	-1.0	109	0.00
39 M	1,2-Dichloropropane	0.313	0.336	-7.3	110	0.00
40	Dibromomethane	0.217	0.233	-7.4	112	0.00
41 M	Bromodichloromethane	0.408	0.444	-8.8	117	0.00
42 M	Vinyl Acetate	0.879	0.915	-4.1	111	0.00
43	Ethyl Acetate	0.443	0.474	-7.0	109	-0.01
44	Isopropyl Acetate	0.743	0.765	-3.0	109	-0.01
45 T	1,4-Dioxane	0.007	0.008#	-14.3	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.380	0.401	-5.5	109	0.00
47	n-amyl Acetate	0.701	0.676	3.6	106	0.00
48 M	t-1,3-Dichloropropene	0.480	0.490	-2.1	109	0.00
49 T	cis-1,3-Dichloropropene	0.448	0.457	-2.0	114	0.00
50 M	1,1,2-Trichloroethane	0.321	0.335	-4.4	110	0.00
51	Ethyl methacrylate	0.484	0.491	-1.4	109	0.00
52	1,3-Dichloropropane	0.524	0.554	-5.7	110	0.00
53 M	Dibromochloromethane	0.340	0.357	-5.0	118	0.00
54 M	1,2-Dibromoethane	0.338	0.356	-5.3	112	0.00
55 M	2-Chloroethyl vinyl ether	0.230	0.074	67.8#	34	0.00
56 M	Bromoform	0.272	0.280	-2.9	121	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.509	0.536	-5.3	109	0.00
59 M	2-Hexanone	0.389	0.419	-7.7	111	0.00
60 S	4-Bromofluorobenzene	0.495	0.506	-2.2	112	0.00
61 M	Tetrachloroethene	0.412	0.424	-2.9	107	0.00
62 M	Toluene	1.446	1.514	-4.7	108	0.00
63 S	Toluene-d8	1.310	1.301	0.7	104	0.00
64 M	Chlorobenzene	0.961	1.006	-4.7	109	0.00
65	1,1,1,2-Tetrachloroethane	0.352	0.384	-9.1	115	0.00
66 M	Ethyl Benzene	1.629	1.693	-3.9	108	0.00
67 M	m/p-Xylenes	0.633	0.659	-4.1	109	0.00
68 M	o-Xylene	0.617	0.625	-1.3	107	0.00
69 M	Styrene	1.029	1.057	-2.7	111	0.00
70	Isopropylbenzene	1.700	1.778	-4.6	110	0.00
71 M	1,1,2,2-Tetrachloroethane	0.508	0.550	-8.3	113	0.00
72	1,2,3-Trichloropropane	0.441	0.588	-33.3#	137	0.00
73	Bromobenzene	0.473	0.483	-2.1	109	0.00
74	n-propylbenzene	1.974	2.033	-3.0	109	0.00
75	2-Chlorotoluene	1.149	1.204	-4.8	111	0.00
76	1,3,5-Trimethylbenzene	1.444	1.495	-3.5	111	0.00
77	t-1,4-Dichloro-2-butene	0.142	0.122	14.1	97	0.00
78	4-Chlorotoluene	1.361	1.412	-3.7	113	0.00
79	tert-butylbenzene	1.592	1.607	-0.9	108	0.00
80	1,2,4-Trimethylbenzene	1.474	1.530	-3.8	110	0.00
81	sec-Butylbenzene	1.766	1.800	-1.9	108	0.00
82	p-Isopropyltoluene	1.592	1.607	-0.9	108	0.00
83 M	1,3-Dichlorobenzene	0.870	0.890	-2.3	110	0.00
84 M	1,4-Dichlorobenzene	0.879	0.908	-3.3	112	0.00
85	n-Butylbenzene	1.411	1.397	1.0	110	0.00
86 T	Hexachloroethane	0.241	0.214	11.2	102	0.00
87 M	1,2-Dichlorobenzene	0.879	0.903	-2.7	110	0.00
88	1,2-Dibromo-3-Chloropropane	0.114	0.120	-5.3	119	0.00
89	1,2,4-Trichlorobenzene	0.663	0.664	-0.2	108	0.00
90	Hexachlorobutadiene	0.345	0.347	-0.6	110	0.00

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91 M	Naphthalene	1.758	1.807	-2.8	110	0.00
92	1,2,3-Trichlorobenzene	0.660	0.679	-2.9	112	0.00

(#) = Out of Range

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