

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061818\
 Data File : VX002682.D
 Acq On : 18 Jun 2018 15:39
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061818

Quant Time: Jun 18 17:27:19 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	107	0.00
2 M	Dichlorodifluoromethane	1.432	1.651	-15.3	124	0.00
3 M	Chloromethane	1.554	1.768	-13.8	118	0.00
4 M	Vinyl Chloride	1.732	2.048	-18.2	124	0.00
5 M	Bromomethane	1.012	1.343	-32.7#	141	0.00
6 M	Chloroethane	1.165	1.325	-13.7	118	0.02
7 M	Trichlorofluoromethane	3.079	3.510	-14.0	118	0.01
8 T	Diethyl Ether	1.098	1.265	-15.2	121	0.00
9	1,1,2-Trichlorotrifluoroeth	1.762	2.025	-14.9	122	0.00
10 M	1,1-Dichloroethene	1.551	1.763	-13.7	120	0.00
11	Methyl Iodide	1.786	1.914	-7.2	136	0.00
12	Methyl Acetate	2.517	2.879	-14.4	114	0.00
13 M	Acrolein	0.179	0.155	13.4	108	0.00
14 M	Acrylonitrile	0.947	1.061	-12.0	116	-0.01
15 M	Acetone	0.263	0.317	-20.5	119	-0.01
16 M	Carbon Disulfide	3.883	4.417	-13.8	125	0.00
17	Allyl chloride	3.086	3.504	-13.5	118	0.00
18 M	Methylene Chloride	1.775	1.964	-10.6	116	0.00
19 M	trans-1,2-Dichloroethene	1.663	1.899	-14.2	121	0.00
20 T	Diisopropyl ether	5.751	6.846	-19.0	129	0.00
21 M	1,1-Dichloroethane	3.092	3.665	-18.5	116	0.00
22 M	cis-1,2-Dichloroethene	1.788	2.046	-14.4	120	0.00
23 M	tert-Butyl Alcohol	0.430	0.494	-14.9	114	-0.03
24 M	Methyl tert-Butyl Ether	5.791	6.441	-11.2	116	0.00
25 M	Chloroform	3.103	3.476	-12.0	116	0.00
26	Cyclohexane	2.627	2.935	-11.7	117	0.00
27 s	1,2-Dichloroethane-d4	2.291	2.314	-1.0	108	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.405	0.452	-11.6	122	0.00
30 M	2-Butanone	0.232	0.257	-10.8	119	-0.01
31	2,2-Dichloropropane	0.433	0.479	-10.6	119	0.00
32 M	1,1,1-Trichloroethane	0.489	0.519	-6.1	116	0.00
33 M	Carbon Tetrachloride	0.440	0.460	-4.5	118	0.00
34 M	Benzene	1.200	1.279	-6.6	116	0.00
35	Methacrylonitrile	0.252	0.278	-10.3	117	0.00
36 M	1,2-Dichloroethane	0.471	0.511	-8.5	117	0.00
37 M	Trichloroethene	0.351	0.385	-9.7	120	0.00
38	Methylcyclohexane	0.493	0.543	-10.1	124	0.00
39 M	1,2-Dichloropropane	0.313	0.336	-7.3	115	0.00
40	Dibromomethane	0.217	0.229	-5.5	115	0.00
41 M	Bromodichloromethane	0.408	0.427	-4.7	117	0.00
42 M	Vinyl Acetate	0.879	1.016	-15.6	129	0.00
43	Ethyl Acetate	0.443	0.488	-10.2	117	-0.01
44	Isopropyl Acetate	0.743	0.784	-5.5	116	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	0.380	0.406	-6.8	116	0.00
47	n-amyl Acetate	0.701	0.724	-3.3	119	0.00
48 M	t-1,3-Dichloropropene	0.480	0.508	-5.8	118	0.00
49 T	cis-1,3-Dichloropropene	0.448	0.468	-4.5	122	0.00
50 M	1,1,2-Trichloroethane	0.321	0.340	-5.9	116	0.00
51	Ethyl methacrylate	0.484	0.508	-5.0	118	0.00
52	1,3-Dichloropropane	0.524	0.566	-8.0	118	0.00
53 M	Dibromochloromethane	0.340	0.346	-1.8	119	0.00
54 M	1,2-Dibromoethane	0.338	0.358	-5.9	117	0.00
55 M	2-Chloroethyl vinyl ether	0.230	0.268	-16.5	129	0.00
56 M	Bromoform	0.272	0.262	3.7	118	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.509	0.558	-9.6	117	0.00
59 M	2-Hexanone	0.389	0.432	-11.1	118	0.00
60 S	4-Bromofluorobenzene	0.495	0.493	0.4	112	0.00
61 M	Tetrachloroethene	0.412	0.458	-11.2	120	0.00
62 M	Toluene	1.446	1.585	-9.6	117	0.00
63 S	Toluene-d8	1.310	1.308	0.2	108	0.00
64 M	Chlorobenzene	0.961	1.063	-10.6	119	0.00
65	1,1,1,2-Tetrachloroethane	0.352	0.381	-8.2	118	0.00
66 M	Ethyl Benzene	1.629	1.791	-9.9	118	0.00
67 M	m/p-Xylenes	0.633	0.694	-9.6	119	0.00
68 M	o-Xylene	0.617	0.671	-8.8	119	0.00
69 M	Styrene	1.029	1.126	-9.4	122	0.00
70	Isopropylbenzene	1.700	1.856	-9.2	119	0.00
71 M	1,1,2,2-Tetrachloroethane	0.508	0.550	-8.3	117	0.00
72	1,2,3-Trichloropropane	0.441	0.478	-8.4	115	0.00
73	Bromobenzene	0.473	0.513	-8.5	120	0.00
74	n-propylbenzene	1.974	2.204	-11.7	122	0.00
75	2-Chlorotoluene	1.149	1.264	-10.0	120	0.00
76	1,3,5-Trimethylbenzene	1.444	1.568	-8.6	120	0.00
77	t-1,4-Dichloro-2-butene	0.142	0.146	-2.8	120	0.00
78	4-Chlorotoluene	1.361	1.508	-10.8	125	0.00
79	tert-butylbenzene	1.592	1.761	-10.6	123	0.00
80	1,2,4-Trimethylbenzene	1.474	1.612	-9.4	120	0.00
81	sec-Butylbenzene	1.766	1.938	-9.7	120	0.00
82	p-Isopropyltoluene	1.592	1.761	-10.6	123	0.00
83 M	1,3-Dichlorobenzene	0.870	0.963	-10.7	123	0.00
84 M	1,4-Dichlorobenzene	0.879	0.969	-10.2	124	0.00
85	n-Butylbenzene	1.411	1.560	-10.6	126	0.00
86 T	Hexachloroethane	0.241	0.245	-1.7	120	0.00
87 M	1,2-Dichlorobenzene	0.879	0.954	-8.5	120	0.00
88	1,2-Dibromo-3-Chloropropane	0.114	0.114	0.0	118	0.00
89	1,2,4-Trichlorobenzene	0.663	0.739	-11.5	124	0.00
90	Hexachlorobutadiene	0.345	0.394	-14.2	129	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.758	1.956	-11.3	123	0.00
92	1,2,3-Trichlorobenzene	0.660	0.734	-11.2	125	0.00

(#) = Out of Range

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