

Data Path : W:\HPCHEM1\MSVOA X\Data\WX022018\
 Data File : VX000112.D
 Acq On : 20 Feb 2018 16:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX022018

Quant Time: Feb 21 06:23:40 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 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	105	0.00
2 M	Dichlorodifluoromethane	1.862	2.031	-9.1	117	0.00
3 M	Chloromethane	1.866	2.021	-8.3	112	0.00
4 M	Vinyl Chloride	2.220	2.336	-5.2	110	0.00
5 M	Bromomethane	2.046	1.936	5.4	102	0.00
6 M	Chloroethane	1.421	1.530	-7.7	115	0.00
7 M	Trichlorofluoromethane	3.846	4.270	-11.0	118	0.00
8 T	Diethyl Ether	1.343	1.440	-7.2	109	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	2.367	-12.8	118	0.00
10 M	1,1-Dichloroethene	2.005	2.208	-10.1	115	0.00
11	Methyl Iodide	1.948	2.106	-8.1	137	0.00
12	Methyl Acetate	3.582	3.684	-2.8	108	0.00
13 M	Acrolein	0.431	0.423	1.9	108	0.00
14 M	Acrylonitrile	1.552	1.551	0.1	104	0.00
15 M	Acetone	0.506	0.481	4.9	95	0.00
16 M	Carbon Disulfide	5.733	6.204	-8.2	115	0.00
17	Allyl chloride	3.418	3.689	-7.9	114	0.00
18 M	Methylene Chloride	2.184	2.352	-7.7	115	0.00
19 M	trans-1,2-Dichloroethene	2.181	2.343	-7.4	114	0.00
20 T	Diisopropyl ether	5.396	5.516	-2.2	112	0.00
21 M	1,1-Dichloroethane	3.557	3.158	11.2	90	0.00
22 M	cis-1,2-Dichloroethene	2.026	2.141	-5.7	112	0.00
23 M	tert-Butyl Alcohol	0.887	0.810	8.7	93	0.00
24 M	Methyl tert-Butyl Ether	6.907	7.559	-9.4	115	0.00
25 M	Chloroform	3.527	3.779	-7.1	114	0.00
26	Cyclohexane	2.789	3.093	-10.9	118	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.440	-5.1	111	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29	1,1-Dichloropropene	0.437	0.465	-6.4	116	0.00
30 M	2-Butanone	0.336	0.311	7.4	97	0.00
31	2,2-Dichloropropane	0.470	0.465	1.1	108	0.00
32 M	1,1,1-Trichloroethane	0.529	0.555	-4.9	114	0.00
33 M	Carbon Tetrachloride	0.469	0.493	-5.1	115	0.00
34 M	Benzene	1.257	1.315	-4.6	113	0.00
35	Methacrylonitrile	0.310	0.289	6.8	102	0.00
36 M	1,2-Dichloroethane	0.477	0.468	1.9	106	0.00
37 M	Trichloroethene	0.372	0.378	-1.6	109	0.00
38	Methylcyclohexane	0.524	0.553	-5.5	117	0.00
39 M	1,2-Dichloropropane	0.314	0.324	-3.2	110	0.00
40	Dibromomethane	0.242	0.256	-5.8	115	0.00
41 M	Bromodichloromethane	0.460	0.463	-0.7	108	0.00
42 M	Vinyl Acetate	0.857	0.843	1.6	110	0.00
43	Ethyl Acetate	0.591	0.565	4.4	101	0.00
44	Isopropyl Acetate	0.867	0.869	-0.2	109	0.00
45 T	1,4-Dioxane	0.011	0.010#	9.1	102	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022018\
 Data File : VX000112.D
 Acq On : 20 Feb 2018 16:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Quant Time: Feb 21 06:23:40 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 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)
46	Methyl methacrylate	0.422	0.418	0.9	107	0.00
47	n-amyl Acetate	0.757	0.772	-2.0	113	0.00
48 M	t-1,3-Dichloropropene	0.535	0.534	0.2	106	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.535	-2.7	110	0.00
50 M	1,1,2-Trichloroethane	0.355	0.363	-2.3	113	0.00
51	Ethyl methacrylate	0.544	0.553	-1.7	113	0.00
52	1,3-Dichloropropane	0.569	0.595	-4.6	112	0.00
53 M	Dibromochloromethane	0.395	0.396	-0.3	109	0.00
54 M	1,2-Dibromoethane	0.396	0.400	-1.0	110	0.00
55 M	2-Chloroethyl vinyl ether	0.238	0.261	-9.7	105	0.00
56 M	Bromoform	0.320	0.314	1.9	109	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.657	0.642	2.3	104	0.00
59 M	2-Hexanone	0.556	0.531	4.5	101	0.00
60 S	4-Bromofluorobenzene	0.491	0.498	-1.4	112	0.00
61 M	Tetrachloroethene	0.364	0.375	-3.0	113	0.00
62 M	Toluene	1.561	1.622	-3.9	113	0.00
63 S	Toluene-d8	1.285	1.299	-1.1	111	0.00
64 M	Chlorobenzene	1.055	1.089	-3.2	114	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.386	-3.2	113	0.00
66 M	Ethyl Benzene	1.782	1.831	-2.7	111	0.00
67 M	m/p-Xylenes	0.698	0.728	-4.3	115	0.00
68 M	o-Xylene	0.678	0.699	-3.1	112	0.00
69 M	Styrene	1.124	1.158	-3.0	112	0.00
70	Isopropylbenzene	1.834	1.908	-4.0	113	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.647	-2.5	111	0.00
72	1,2,3-Trichloropropane	0.566	0.555	1.9	104	0.00
73	Bromobenzene	0.481	0.479	0.4	110	0.00
74	n-propylbenzene	2.150	2.262	-5.2	114	0.00
75	2-Chlorotoluene	1.236	1.302	-5.3	113	0.00
76	1,3,5-Trimethylbenzene	1.554	1.607	-3.4	113	0.00
77	t-1,4-Dichloro-2-butene	0.200	0.192	4.0	103	0.00
78	4-Chlorotoluene	1.481	1.558	-5.2	114	0.00
79	tert-butylbenzene	1.547	1.631	-5.4	114	0.00
80	1,2,4-Trimethylbenzene	1.585	1.670	-5.4	113	0.00
81	sec-Butylbenzene	1.912	2.053	-7.4	116	0.00
82	p-Isopropyltoluene	1.706	1.840	-7.9	116	0.00
83 M	1,3-Dichlorobenzene	0.915	0.961	-5.0	115	0.00
84 M	1,4-Dichlorobenzene	0.954	0.992	-4.0	115	0.00
85	n-Butylbenzene	1.600	1.717	-7.3	116	0.00
86 T	Hexachloroethane	0.285	0.293	-2.8	113	0.00
87 M	1,2-Dichlorobenzene	0.907	0.954	-5.2	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.176	0.172	2.3	106	0.00
89	1,2,4-Trichlorobenzene	0.666	0.698	-4.8	116	0.00
90	Hexachlorobutadiene	0.287	0.290	-1.0	116	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022018\
Data File : VX000112.D
Acq On : 20 Feb 2018 16:58
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Quant Time: Feb 21 06:23:40 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	2.328	2.401	-3.1	111	0.00
92	1,2,3-Trichlorobenzene	0.670	0.682	-1.8	111	0.00

(#) = Out of Range

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