

Data Path : W:\HPCHEM1\MSVOA X\Data\VX051418\
 Data File : VX001706.D
 Acq On : 14 May 2018 11:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 03:13:07 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 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	113	0.00
2 M	Dichlorodifluoromethane	1.462	1.944	-33.0#	129	0.00
3 M	Chloromethane	1.618	1.902	-17.6	119	0.00
4 M	Vinyl Chloride	1.690	1.977	-17.0	118	0.00
5 M	Bromomethane	0.835	1.068	-27.9	107	0.00
6 M	Chloroethane	1.125	1.234	-9.7	111	0.00
7 M	Trichlorofluoromethane	2.428	3.048	-25.5	127	0.00
8 T	Diethyl Ether	1.053	1.148	-9.0	113	0.00
9	1,1,2-Trichlorotrifluoroeth	1.349	1.869	-38.5#	138	0.00
10 M	1,1-Dichloroethene	1.388	1.646	-18.6	123	0.00
11	Methyl Iodide	2.017	2.132	-5.7	117	0.00
12	Methyl Acetate	2.361	2.264	4.1	100	0.00
13 M	Acrolein	0.268	0.260	3.0	110	0.00
14 M	Acrylonitrile	0.943	0.910	3.5	101	0.00
15 M	Acetone	0.253	0.271	-7.1	112	0.00
16 M	Carbon Disulfide	3.439	4.166	-21.1	130	0.00
17	Allyl chloride	2.649	3.045	-14.9	121	0.00
18 M	Methylene Chloride	1.639	1.825	-11.3	117	0.00
19 M	trans-1,2-Dichloroethene	1.507	1.763	-17.0	122	0.00
20 T	Diisopropyl ether	4.949	5.705	-15.3	124	0.00
21 M	1,1-Dichloroethane	2.846	3.227	-13.4	118	0.00
22 M	cis-1,2-Dichloroethene	1.699	1.998	-17.6	125	0.00
23 M	tert-Butyl Alcohol	0.420	0.380	9.5	96	-0.02
24 M	Methyl tert-Butyl Ether	5.045	5.420	-7.4	112	-0.01
25 M	Chloroform	2.932	3.349	-14.2	121	0.00
26	Cyclohexane	2.076	2.875	-38.5#	144	0.00
27 s	1,2-Dichloroethane-d4	2.189	2.091	4.5	106	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
29	1,1-Dichloropropene	0.377	0.461	-22.3	134	0.00
30 M	2-Butanone	0.249	0.236	5.2	104	-0.02
31	2,2-Dichloropropane	0.324	0.501	-54.6#	170#	0.00
32 M	1,1,1-Trichloroethane	0.479	0.558	-16.5	126	0.00
33 M	Carbon Tetrachloride	0.422	0.508	-20.4	132	0.00
34 M	Benzene	1.205	1.375	-14.1	125	0.00
35	Methacrylonitrile	0.270	0.254	5.9	105	0.00
36 M	1,2-Dichloroethane	0.477	0.511	-7.1	116	0.00
37 M	Trichloroethene	0.355	0.435	-22.5	133	0.00
38	Methylcyclohexane	0.403	0.576	-42.9#	156#	0.00
39 M	1,2-Dichloropropane	0.302	0.337	-11.6	123	0.00
40	Dibromomethane	0.216	0.236	-9.3	119	0.00
41 M	Bromodichloromethane	0.407	0.451	-10.8	124	0.00
42 M	Vinyl Acetate	0.820	0.886	-8.0	121	0.00
43	Ethyl Acetate	0.474	0.450	5.1	105	-0.02
44	Isopropyl Acetate	0.726	0.707	2.6	111	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	105	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX051418\
 Data File : VX001706.D
 Acq On : 14 May 2018 11:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 03:13:07 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 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	0.392	0.381	2.8	109	0.00
47	n-amyl Acetate	0.620	0.594	4.2	110	0.00
48 M	t-1,3-Dichloropropene	0.450	0.526	-16.9	133	0.00
49 T	cis-1,3-Dichloropropene	0.397	0.476	-19.9	139	0.00
50 M	1,1,2-Trichloroethane	0.321	0.360	-12.1	121	0.00
51	Ethyl methacrylate	0.462	0.478	-3.5	119	0.00
52	1,3-Dichloropropane	0.528	0.594	-12.5	123	0.00
53 M	Dibromochloromethane	0.333	0.356	-6.9	121	0.00
54 M	1,2-Dibromoethane	0.338	0.355	-5.0	113	0.00
55 M	2-Chloroethyl vinyl ether	0.246	0.222	9.8	100	0.00
56 M	Bromoform	0.272	0.275	-1.1	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
58 M	4-Methyl-2-Pentanone	0.540	0.494	8.5	104	0.00
59 M	2-Hexanone	0.404	0.377	6.7	106	0.00
60 S	4-Bromofluorobenzene	0.475	0.455	4.2	117	0.00
61 M	Tetrachloroethene	0.436	0.560	-28.4	143	0.00
62 M	Toluene	1.443	1.659	-15.0	130	0.00
63 S	Toluene-d8	1.338	1.314	1.8	119	0.00
64 M	Chlorobenzene	0.948	1.116	-17.7	132	0.00
65	1,1,1,2-Tetrachloroethane	0.358	0.409	-14.2	130	0.00
66 M	Ethyl Benzene	1.498	1.830	-22.2	138	0.00
67 M	m/p-Xylenes	0.598	0.745	-24.6	139	0.00
68 M	o-Xylene	0.592	0.701	-18.4	135	0.00
69 M	Styrene	0.976	1.164	-19.3	136	0.00
70	Isopropylbenzene	1.524	1.804	-18.4	132	0.00
71 M	1,1,2,2-Tetrachloroethane	0.511	0.479	6.3	108	0.00
72	1,2,3-Trichloropropane	0.495	0.487	1.6	111	0.00
73	Bromobenzene	0.462	0.505	-9.3	125	0.00
74	n-propylbenzene	1.678	2.080	-24.0	138	0.00
75	2-Chlorotoluene	1.052	1.214	-15.4	129	0.00
76	1,3,5-Trimethylbenzene	1.283	1.512	-17.8	132	0.00
77	t-1,4-Dichloro-2-butene	0.127	0.133	-4.7	131	0.00
78	4-Chlorotoluene	1.197	1.415	-18.2	133	0.00
79	tert-butylbenzene	1.357	1.742	-28.4	143	0.00
80	1,2,4-Trimethylbenzene	1.309	1.557	-18.9	132	0.00
81	sec-Butylbenzene	1.486	1.857	-25.0	140	0.00
82	p-Isopropyltoluene	1.357	1.742	-28.4	143	0.00
83 M	1,3-Dichlorobenzene	0.806	0.943	-17.0	134	0.00
84 M	1,4-Dichlorobenzene	0.810	0.963	-18.9	136	0.00
85	n-Butylbenzene	1.079	1.440	-33.5#	155#	0.00
86 T	Hexachloroethane	0.215	0.251	-16.7	137	0.00
87 M	1,2-Dichlorobenzene	0.835	0.933	-11.7	128	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.103	13.4	103	0.00
89	1,2,4-Trichlorobenzene	0.593	0.729	-22.9	145	0.00
90	Hexachlorobutadiene	0.304	0.402	-32.2#	150	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX051418\
Data File : VX001706.D
Acq On : 14 May 2018 11:14
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: May 16 03:13:07 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 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	1.777	1.837	-3.4	121	0.00
92	1,2,3-Trichlorobenzene	0.628	0.736	-17.2	136	0.00

(#) = Out of Range

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