

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101618\
 Data File : VW006092.D
 Acq On : 16 Oct 2018 21:28
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 01:45:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.247	0.234	5.3	89	0.00
3 P	Chloromethane	0.318	0.307	3.5	99	0.00
4 C	Vinyl Chloride	0.455	0.465	-2.2#	100	0.00
5 T	Bromomethane	0.414	0.441	-6.5	109	0.00
6 T	Chloroethane	0.326	0.323	0.9	98	0.00
7 T	Trichlorofluoromethane	0.424	0.436	-2.8	99	0.00
8 T	Diethyl Ether	0.225	0.228	-1.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.440	0.9	100	0.00
10 T	Methyl Iodide	0.739	0.778	-5.3	105	0.00
11 T	Tert butyl alcohol	0.028	0.028	0.0	107	-0.02
12 CM	1,1-Dichloroethene	0.418	0.421	-0.7#	103	0.00
13 T	Acrolein	0.027	0.025	7.4	98	0.00
14 T	Allyl chloride	0.597	0.612	-2.5	104	0.00
15 T	Acrylonitrile	0.081	0.083	-2.5	105	0.00
16 T	Acetone	0.089	0.075	15.7	103	-0.01
17 T	Carbon Disulfide	1.261	1.283	-1.7	101	0.00
18 T	Methyl Acetate	0.209	0.208	0.5	100	0.00
19 T	Methyl tert-butyl Ether	0.636	0.663	-4.2	105	0.00
20 T	Methylene Chloride	0.484	0.452	6.6	104	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.483	-3.6	104	0.00
22 T	Diisopropyl ether	1.180	1.252	-6.1	107	0.00
23 T	Vinyl Acetate	0.697	0.725	-4.0	106	0.00
24 P	1,1-Dichloroethane	0.762	0.806	-5.8	106	0.00
25 T	2-Butanone	0.112	0.108	3.6	103	0.00
26 T	2,2-Dichloropropane	0.537	0.527	1.9	103	0.00
27 T	cis-1,2-Dichloroethene	0.515	0.546	-6.0	107	0.00
28 T	Bromochloromethane	0.294	0.322	-9.5	103	0.00
29 T	Tetrahydrofuran	0.069	0.070	-1.4	106	0.00
30 C	Chloroform	0.830	0.875	-5.4#	107	0.00
31 T	Cyclohexane	0.759	0.716	5.7	101	0.00
32 T	1,1,1-Trichloroethane	0.749	0.774	-3.3	104	0.00
33 S	1,2-Dichloroethane-d4	0.415	0.415	0.0	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.295	0.294	0.3	99	0.00
36 T	1,1-Dichloropropene	0.461	0.466	-1.1	104	0.00
37 T	Ethyl Acetate	0.171	0.171	0.0	108	0.00
38 T	Carbon Tetrachloride	0.505	0.508	-0.6	103	0.00
39 T	Methylcyclohexane	0.613	0.609	0.7	103	0.00
40 TM	Benzene	1.264	1.315	-4.0	108	0.00
41 T	Methacrylonitrile	0.103	0.098	4.9	96	0.00
42 TM	1,2-Dichloroethane	0.371	0.387	-4.3	107	0.00
43 T	Isopropyl Acetate	0.350	0.355	-1.4	106	0.00
44 TM	Trichloroethene	0.388	0.398	-2.6	106	0.00
45 C	1,2-Dichloropropane	0.303	0.309	-2.0#	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.172	0.180	-4.7	107	0.00
47 T	Bromodichloromethane	0.418	0.439	-5.0	107	0.00
48 T	Methyl methacrylate	0.166	0.170	-2.4	104	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	105	-0.02
50 S	Toluene-d8	1.124	1.121	0.3	100	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.177	-1.1	105	0.00
52 CM	Toluene	0.848	0.878	-3.5#	107	0.00
53 T	t-1,3-Dichloropropene	0.416	0.433	-4.1	105	0.00
54 T	cis-1,3-Dichloropropene	0.478	0.497	-4.0	106	0.00
55 T	1,1,2-Trichloroethane	0.241	0.252	-4.6	108	0.00
56 T	Ethyl methacrylate	0.296	0.308	-4.1	107	0.00
57 T	1,3-Dichloropropane	0.399	0.414	-3.8	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.113	0.109	3.5	103	0.00
59 T	2-Hexanone	0.125	0.122	2.4	103	0.00
60 T	Dibromochloromethane	0.301	0.318	-5.6	106	0.00
61 T	1,2-Dibromoethane	0.241	0.253	-5.0	107	0.00
62 S	4-Bromofluorobenzene	0.422	0.424	-0.5	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.388	0.394	-1.5	107	0.00
65 PM	Chlorobenzene	1.070	1.094	-2.2	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.395	-3.9	107	0.00
67 C	Ethyl Benzene	1.855	1.894	-2.1#	107	0.00
68 T	m/p-Xylenes	0.733	0.750	-2.3	106	0.00
69 T	o-Xylene	0.699	0.722	-3.3	107	0.00
70 T	Styrene	1.136	1.181	-4.0	107	0.00
71 P	Bromoform	0.212	0.220	-3.8	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.532	3.566	-1.0	106	0.00
74 T	N-amyl acetate	0.686	0.683	0.4	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.537	0.550	-2.4	106	0.00
76 T	1,2,3-Trichloropropane	0.382	0.374	2.1	106	0.00
77 T	Bromobenzene	0.865	0.889	-2.8	107	0.00
78 T	n-propylbenzene	4.110	4.155	-1.1	105	0.00
79 T	2-Chlorotoluene	2.309	2.374	-2.8	106	0.00
80 T	1,3,5-Trimethylbenzene	2.978	3.042	-2.1	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.155	3.1	99	0.00
82 T	4-Chlorotoluene	2.419	2.473	-2.2	106	0.00
83 T	tert-Butylbenzene	2.664	2.711	-1.8	106	0.00
84 T	1,2,4-Trimethylbenzene	3.013	3.102	-3.0	107	0.00
85 T	sec-Butylbenzene	3.764	3.822	-1.5	105	0.00
86 T	p-Isopropyltoluene	3.404	3.449	-1.3	104	0.00
87 T	1,3-Dichlorobenzene	1.722	1.760	-2.2	107	0.00
88 T	1,4-Dichlorobenzene	1.714	1.746	-1.9	107	0.00
89 T	n-Butylbenzene	3.114	3.117	-0.1	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.595	-3.1	103	0.00
91 T	1,2-Dichlorobenzene	1.536	1.571	-2.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.093	3.1	100	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.147	3.0	104	0.00
94 T	Hexachlorobutadiene	0.742	0.729	1.8	104	0.00
95 T	Naphthalene	1.966	1.948	0.9	105	0.00
96 T	1,2,3-Trichlorobenzene	1.022	1.014	0.8	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6