

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101718\
 Data File : VW006120.D
 Acq On : 17 Oct 2018 12:12
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 15:09:21 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	117	0.00
2 T	Dichlorodifluoromethane	0.247	0.275	-11.3	125	0.00
3 P	Chloromethane	0.318	0.296	6.9	114	0.00
4 C	Vinyl Chloride	0.455	0.462	-1.5#	119	0.00
5 T	Bromomethane	0.414	0.381	8.0	113	0.00
6 T	Chloroethane	0.326	0.307	5.8	111	0.00
7 T	Trichlorofluoromethane	0.424	0.441	-4.0	120	0.00
8 T	Diethyl Ether	0.225	0.200	11.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.477	-7.4	130	0.00
10 T	Methyl Iodide	0.739	0.790	-6.9	128	0.00
11 T	Tert butyl alcohol	0.028	0.027	3.6	126	-0.06
12 CM	1,1-Dichloroethene	0.418	0.448	-7.2#	131	0.00
13 T	Acrolein	0.027	0.028	-3.7	132	-0.01
14 T	Allyl chloride	0.597	0.630	-5.5	128	0.00
15 T	Acrylonitrile	0.081	0.078	3.7	118	-0.01
16 T	Acetone	0.089	0.090	-1.1	149	-0.03
17 T	Carbon Disulfide	1.261	1.316	-4.4	124	0.00
18 T	Methyl Acetate	0.209	0.194	7.2	112	-0.02
19 T	Methyl tert-butyl Ether	0.636	0.618	2.8	118	-0.01
20 T	Methylene Chloride	0.484	0.455	6.0	126	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.492	-5.6	127	0.00
22 T	Diisopropyl ether	1.180	1.205	-2.1	123	0.00
23 T	Vinyl Acetate	0.697	0.680	2.4	119	0.00
24 P	1,1-Dichloroethane	0.762	0.802	-5.2	126	0.00
25 T	2-Butanone	0.112	0.110	1.8	124	-0.01
26 T	2,2-Dichloropropane	0.537	0.578	-7.6	135	0.00
27 T	cis-1,2-Dichloroethene	0.515	0.534	-3.7	125	0.00
28 T	Bromochloromethane	0.294	0.289	1.7	110	0.00
29 T	Tetrahydrofuran	0.069	0.065	5.8	117	-0.01
30 C	Chloroform	0.830	0.869	-4.7#	127	0.00
31 T	Cyclohexane	0.759	0.766	-0.9	130	0.00
32 T	1,1,1-Trichloroethane	0.749	0.799	-6.7	129	0.00
33 S	1,2-Dichloroethane-d4	0.415	0.368	11.3	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.295	0.278	5.8	107	0.00
36 T	1,1-Dichloropropene	0.461	0.515	-11.7	131	0.00
37 T	Ethyl Acetate	0.171	0.161	5.8	116	-0.01
38 T	Carbon Tetrachloride	0.505	0.562	-11.3	130	0.00
39 T	Methylcyclohexane	0.613	0.688	-12.2	132	0.00
40 TM	Benzene	1.264	1.370	-8.4	128	0.00
41 T	Methacrylonitrile	0.103	0.108	-4.9	121	0.00
42 TM	1,2-Dichloroethane	0.371	0.388	-4.6	122	0.00
43 T	Isopropyl Acetate	0.350	0.332	5.1	113	0.00
44 TM	Trichloroethene	0.388	0.430	-10.8	130	0.00
45 C	1,2-Dichloropropane	0.303	0.320	-5.6#	124	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.172	0.177	-2.9	120	0.00
47 T	Bromodichloromethane	0.418	0.443	-6.0	123	0.00
48 T	Methyl methacrylate	0.166	0.165	0.6	116	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	121	-0.04
50 S	Toluene-d8	1.124	1.083	3.6	110	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.167	4.6	113	0.00
52 CM	Toluene	0.848	0.926	-9.2#	129	0.00
53 T	t-1,3-Dichloropropene	0.416	0.436	-4.8	121	0.00
54 T	cis-1,3-Dichloropropene	0.478	0.513	-7.3	124	0.00
55 T	1,1,2-Trichloroethane	0.241	0.247	-2.5	120	0.00
56 T	Ethyl methacrylate	0.296	0.297	-0.3	118	0.00
57 T	1,3-Dichloropropane	0.399	0.407	-2.0	119	0.00
58 T	2-Chloroethyl Vinyl ether	0.113	0.101	10.6	109	0.00
59 T	2-Hexanone	0.125	0.121	3.2	116	0.00
60 T	Dibromochloromethane	0.301	0.311	-3.3	118	0.00
61 T	1,2-Dibromoethane	0.241	0.245	-1.7	118	0.00
62 S	4-Bromofluorobenzene	0.422	0.402	4.7	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.388	0.430	-10.8	127	0.00
65 PM	Chlorobenzene	1.070	1.171	-9.4	126	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.419	-10.3	123	0.00
67 C	Ethyl Benzene	1.855	2.078	-12.0#	128	0.00
68 T	m/p-Xylenes	0.733	0.823	-12.3	127	0.00
69 T	o-Xylene	0.699	0.786	-12.4	127	0.00
70 T	Styrene	1.136	1.262	-11.1	124	0.00
71 P	Bromoform	0.212	0.215	-1.4	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.532	4.037	-14.3	128	0.00
74 T	N-amyl acetate	0.686	0.685	0.1	112	0.00
75 P	1,1,2,2-Tetrachloroethane	0.537	0.548	-2.0	113	0.00
76 T	1,2,3-Trichloropropane	0.382	0.374	2.1	114	0.00
77 T	Bromobenzene	0.865	0.950	-9.8	122	0.00
78 T	n-propylbenzene	4.110	4.679	-13.8	127	0.00
79 T	2-Chlorotoluene	2.309	2.588	-12.1	124	0.00
80 T	1,3,5-Trimethylbenzene	2.978	3.371	-13.2	125	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.162	-1.3	111	0.00
82 T	4-Chlorotoluene	2.419	2.731	-12.9	126	0.00
83 T	tert-Butylbenzene	2.664	3.045	-14.3	127	0.00
84 T	1,2,4-Trimethylbenzene	3.013	3.394	-12.6	125	0.00
85 T	sec-Butylbenzene	3.764	4.308	-14.5	127	0.00
86 T	p-Isopropyltoluene	3.404	3.918	-15.1	126	0.00
87 T	1,3-Dichlorobenzene	1.722	1.907	-10.7	124	0.00
88 T	1,4-Dichlorobenzene	1.714	1.883	-9.9	123	0.00
89 T	n-Butylbenzene	3.114	3.573	-14.7	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.641	-11.1	119	0.00
91 T	1,2-Dichlorobenzene	1.536	1.667	-8.5	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.093	3.1	107	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.272	-7.6	124	0.00
94 T	Hexachlorobutadiene	0.742	0.846	-14.0	129	0.00
95 T	Naphthalene	1.966	1.969	-0.2	114	0.00
96 T	1,2,3-Trichlorobenzene	1.022	1.065	-4.2	119	0.00

(#) = Out of Range

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