

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW102218\
 Data File : VW006244.D
 Acq On : 22 Oct 2018 11:49
 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 22 14:17:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	110	0.00
2 T	Dichlorodifluoromethane	0.247	0.272	-10.1	116	0.00
3 P	Chloromethane	0.318	0.284	10.7	103	0.00
4 C	Vinyl Chloride	0.455	0.455	0.0	110	0.00
5 T	Bromomethane	0.414	0.356	14.0	99	0.00
6 T	Chloroethane	0.326	0.297	8.9	101	0.00
7 T	Trichlorofluoromethane	0.424	0.423	0.2	108	0.00
8 T	Diethyl Ether	0.225	0.199	11.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.476	-7.2	122	0.00
10 T	Methyl Iodide	0.739	0.785	-6.2	120	0.00
11 T	Tert butyl alcohol	0.028	0.024	14.3	105	0.00
12 CM	1,1-Dichloroethene	0.418	0.442	-5.7#	122	0.00
13 T	Acrolein	0.027	0.025	7.4	109	0.00
14 T	Allyl chloride	0.597	0.603	-1.0	115	0.00
15 T	Acrylonitrile	0.081	0.074	8.6	105	0.00
16 T	Acetone	0.089	0.089	0.0	138	0.00
17 T	Carbon Disulfide	1.261	1.284	-1.8	114	0.00
18 T	Methyl Acetate	0.209	0.183	12.4	100	0.00
19 T	Methyl tert-butyl Ether	0.636	0.613	3.6	110	0.00
20 T	Methylene Chloride	0.484	0.441	8.9	114	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.489	-4.9	119	0.00
22 T	Diisopropyl ether	1.180	1.151	2.5	110	0.00
23 T	Vinyl Acetate	0.697	0.646	7.3	106	0.00
24 P	1,1-Dichloroethane	0.762	0.783	-2.8	116	0.00
25 T	2-Butanone	0.112	0.103	8.0	109	0.00
26 T	2,2-Dichloropropane	0.537	0.578	-7.6	127	0.00
27 T	cis-1,2-Dichloroethene	0.515	0.534	-3.7	118	0.00
28 T	Bromochloromethane	0.294	0.281	4.4	101	0.00
29 T	Tetrahydrofuran	0.069	0.059	14.5	100	0.00
30 C	Chloroform	0.830	0.851	-2.5#	117	0.00
31 T	Cyclohexane	0.759	0.734	3.3	117	0.00
32 T	1,1,1-Trichloroethane	0.749	0.796	-6.3	121	0.00
33 S	1,2-Dichloroethane-d4	0.415	0.372	10.4	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.295	0.294	0.3	106	0.00
36 T	1,1-Dichloropropene	0.461	0.500	-8.5	120	0.00
37 T	Ethyl Acetate	0.171	0.153	10.5	104	0.00
38 T	Carbon Tetrachloride	0.505	0.560	-10.9	121	0.00
39 T	Methylcyclohexane	0.613	0.663	-8.2	120	0.00
40 TM	Benzene	1.264	1.332	-5.4	117	0.00
41 T	Methacrylonitrile	0.103	0.102	1.0	107	0.00
42 TM	1,2-Dichloroethane	0.371	0.377	-1.6	112	0.00
43 T	Isopropyl Acetate	0.350	0.314	10.3	101	0.00
44 TM	Trichloroethene	0.388	0.423	-9.0	120	0.00
45 C	1,2-Dichloropropane	0.303	0.309	-2.0#	113	0.00

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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)
46 T	Dibromomethane	0.172	0.172	0.0	110	0.00
47 T	Bromodichloromethane	0.418	0.433	-3.6	113	0.00
48 T	Methyl methacrylate	0.166	0.152	8.4	100	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50 S	Toluene-d8	1.124	1.107	1.5	106	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.155	11.4	99	0.00
52 CM	Toluene	0.848	0.896	-5.7#	117	0.00
53 T	t-1,3-Dichloropropene	0.416	0.432	-3.8	112	0.00
54 T	cis-1,3-Dichloropropene	0.478	0.501	-4.8	114	0.00
55 T	1,1,2-Trichloroethane	0.241	0.240	0.4	110	0.00
56 T	Ethyl methacrylate	0.296	0.283	4.4	106	0.00
57 T	1,3-Dichloropropane	0.399	0.397	0.5	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.113	0.100	11.5	101	0.00
59 T	2-Hexanone	0.125	0.116	7.2	105	0.00
60 T	Dibromochloromethane	0.301	0.306	-1.7	109	0.00
61 T	1,2-Dibromoethane	0.241	0.242	-0.4	109	0.00
62 S	4-Bromofluorobenzene	0.422	0.420	0.5	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.388	0.426	-9.8	118	0.00
65 PM	Chlorobenzene	1.070	1.161	-8.5	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.418	-10.0	115	0.00
67 C	Ethyl Benzene	1.855	2.047	-10.4#	117	0.00
68 T	m/p-Xylenes	0.733	0.804	-9.7	116	0.00
69 T	o-Xylene	0.699	0.767	-9.7	116	0.00
70 T	Styrene	1.136	1.227	-8.0	113	0.00
71 P	Bromoform	0.212	0.217	-2.4	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.532	3.905	-10.6	117	0.00
74 T	N-amyl acetate	0.686	0.639	6.9	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.537	0.538	-0.2	104	0.00
76 T	1,2,3-Trichloropropane	0.382	0.364	4.7	104	0.00
77 T	Bromobenzene	0.865	0.936	-8.2	113	0.00
78 T	n-propylbenzene	4.110	4.520	-10.0	115	0.00
79 T	2-Chlorotoluene	2.309	2.529	-9.5	114	0.00
80 T	1,3,5-Trimethylbenzene	2.978	3.265	-9.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.164	-2.5	106	0.00
82 T	4-Chlorotoluene	2.419	2.607	-7.8	113	0.00
83 T	tert-Butylbenzene	2.664	2.951	-10.8	116	0.00
84 T	1,2,4-Trimethylbenzene	3.013	3.306	-9.7	114	0.00
85 T	sec-Butylbenzene	3.764	4.177	-11.0	115	0.00
86 T	p-Isopropyltoluene	3.404	3.810	-11.9	115	0.00
87 T	1,3-Dichlorobenzene	1.722	1.876	-8.9	114	0.00
88 T	1,4-Dichlorobenzene	1.714	1.841	-7.4	113	0.00
89 T	n-Butylbenzene	3.114	3.461	-11.1	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.642	-11.3	112	0.00
91 T	1,2-Dichlorobenzene	1.536	1.631	-6.2	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.091	5.2	98	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.273	-7.7	116	0.00
94 T	Hexachlorobutadiene	0.742	0.849	-14.4	122	0.00
95 T	Naphthalene	1.966	1.987	-1.1	108	0.00
96 T	1,2,3-Trichlorobenzene	1.022	1.084	-6.1	114	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5