

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112218\
 Data File : VW006994.D
 Acq On : 21 Nov 2018 11:29
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 21 16:31:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 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	105	0.00
2 T	Dichlorodifluoromethane	0.494	0.498	-0.8	106	0.00
3 P	Chloromethane	0.411	0.438	-6.6	107	0.00
4 C	Vinyl Chloride	0.405	0.440	-8.6#	108	0.00
5 T	Bromomethane	0.216	0.233	-7.9	100	0.00
6 T	Chloroethane	0.223	0.243	-9.0	104	0.00
7 T	Trichlorofluoromethane	0.796	0.801	-0.6	106	0.00
8 T	Diethyl Ether	0.256	0.241	5.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.494	4.3	105	0.00
10 T	Methyl Iodide	0.591	0.552	6.6	89	0.00
11 T	Tert butyl alcohol	0.032	0.029	9.4	102	0.00
12 CM	1,1-Dichloroethene	0.453	0.458	-1.1#	107	0.00
13 T	Acrolein	0.033	0.034	-3.0	115	0.00
14 T	Allyl chloride	0.751	0.757	-0.8	106	0.00
15 T	Acrylonitrile	0.096	0.094	2.1	97	0.00
16 T	Acetone	0.071	0.064	9.9	91	0.00
17 T	Carbon Disulfide	1.463	1.516	-3.6	105	0.00
18 T	Methyl Acetate	0.253	0.227	10.3	99	0.00
19 T	Methyl tert-butyl Ether	1.182	1.126	4.7	98	0.00
20 T	Methylene Chloride	0.702	0.550	21.7#	103	0.00
21 T	trans-1,2-Dichloroethene	0.527	0.512	2.8	105	0.00
22 T	Diisopropyl ether	1.461	1.424	2.5	102	0.00
23 T	Vinyl Acetate	0.776	0.773	0.4	101	0.00
24 P	1,1-Dichloroethane	0.889	0.858	3.5	102	0.00
25 T	2-Butanone	0.122	0.112	8.2	94	0.00
26 T	2,2-Dichloropropane	0.799	0.795	0.5	108	0.00
27 T	cis-1,2-Dichloroethene	0.561	0.539	3.9	101	0.00
28 T	Bromochloromethane	0.332	0.328	1.2	103	0.00
29 T	Tetrahydrofuran	0.079	0.074	6.3	96	0.00
30 C	Chloroform	0.944	0.883	6.5#	100	0.00
31 T	Cyclohexane	0.943	0.915	3.0	106	0.00
32 T	1,1,1-Trichloroethane	0.851	0.846	0.6	106	0.00
33 S	1,2-Dichloroethane-d4	0.490	0.460	6.1	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.282	0.279	1.1	100	0.00
36 T	1,1-Dichloropropene	0.489	0.500	-2.2	105	0.00
37 T	Ethyl Acetate	0.177	0.169	4.5	98	0.00
38 T	Carbon Tetrachloride	0.468	0.479	-2.4	106	0.00
39 T	Methylcyclohexane	0.611	0.631	-3.3	105	0.00
40 TM	Benzene	1.319	1.348	-2.2	102	0.00
41 T	Methacrylonitrile	0.110	0.108	1.8	100	0.00
42 TM	1,2-Dichloroethane	0.383	0.365	4.7	99	0.00
43 T	Isopropyl Acetate	0.337	0.332	1.5	98	0.00
44 TM	Trichloroethene	0.370	0.372	-0.5	102	0.00
45 C	1,2-Dichloropropane	0.325	0.324	0.3#	101	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.163	0.158	3.1	99	0.00
47 T	Bromodichloromethane	0.429	0.422	1.6	102	0.00
48 T	Methyl methacrylate	0.163	0.162	0.6	97	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	102	0.00
50 S	Toluene-d8	1.247	1.294	-3.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.171	0.169	1.2	97	0.00
52 CM	Toluene	0.898	0.940	-4.7#	102	0.00
53 T	t-1,3-Dichloropropene	0.416	0.420	-1.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.508	-1.2	100	0.00
55 T	1,1,2-Trichloroethane	0.240	0.227	5.4	97	0.00
56 T	Ethyl methacrylate	0.278	0.293	-5.4	100	0.00
57 T	1,3-Dichloropropane	0.401	0.391	2.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.130	10.3	95	0.00
59 T	2-Hexanone	0.117	0.122	-4.3	97	0.00
60 T	Dibromochloromethane	0.273	0.273	0.0	99	0.00
61 T	1,2-Dibromoethane	0.219	0.214	2.3	97	0.00
62 S	4-Bromofluorobenzene	0.491	0.494	-0.6	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.322	0.328	-1.9	100	0.00
65 PM	Chlorobenzene	1.044	1.066	-2.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.316	0.322	-1.9	102	0.00
67 C	Ethyl Benzene	1.917	2.006	-4.6#	103	0.00
68 T	m/p-Xylenes	0.752	0.778	-3.5	101	0.00
69 T	o-Xylene	0.709	0.734	-3.5	101	0.00
70 T	Styrene	1.129	1.169	-3.5	100	0.00
71 P	Bromoform	0.149	0.151	-1.3	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.886	4.070	-4.7	103	0.00
74 T	N-amyl acetate	0.651	0.683	-4.9	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.517	0.513	0.8	99	0.00
76 T	1,2,3-Trichloropropane	0.393	0.380	3.3	114	0.00
77 T	Bromobenzene	0.835	0.845	-1.2	100	0.00
78 T	n-propylbenzene	4.707	4.893	-4.0	103	0.00
79 T	2-Chlorotoluene	2.714	2.759	-1.7	101	0.00
80 T	1,3,5-Trimethylbenzene	3.360	3.480	-3.6	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.156	0.157	-0.6	97	0.00
82 T	4-Chlorotoluene	2.848	2.926	-2.7	101	0.00
83 T	tert-Butylbenzene	2.909	3.011	-3.5	102	0.00
84 T	1,2,4-Trimethylbenzene	3.348	3.441	-2.8	100	0.00
85 T	sec-Butylbenzene	4.110	4.255	-3.5	102	0.00
86 T	p-Isopropyltoluene	3.626	3.770	-4.0	102	0.00
87 T	1,3-Dichlorobenzene	1.704	1.739	-2.1	100	0.00
88 T	1,4-Dichlorobenzene	1.699	1.738	-2.3	101	0.00
89 T	n-Butylbenzene	3.412	3.600	-5.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.529	0.550	-4.0	104	0.00
91 T	1,2-Dichlorobenzene	1.493	1.533	-2.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.088	-1.1	99	0.00
93 T	1,2,4-Trichlorobenzene	0.985	0.987	-0.2	97	0.00
94 T	Hexachlorobutadiene	0.535	0.543	-1.5	99	0.00
95 T	Naphthalene	1.787	1.773	0.8	95	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.827	-1.2	98	0.00

(#) = Out of Range

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