

Data File : VW006399.D
 Acq On : 26 Oct 2018 09:54
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 11:43:05 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	68	0.00
2 T	Dichlorodifluoromethane	0.247	0.262	-6.1	70	0.00
3 P	Chloromethane	0.318	0.365	-14.8	82	0.00
4 C	Vinyl Chloride	0.455	0.509	-11.9#	77	0.00
5 T	Bromomethane	0.414	0.467	-12.8	81	0.00
6 T	Chloroethane	0.326	0.399	-22.4#	85	0.00
7 T	Trichlorofluoromethane	0.424	0.449	-5.9	72	0.00
8 T	Diethyl Ether	0.225	0.259	-15.1	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.485	-9.2	78	0.00
10 T	Methyl Iodide	0.739	0.874	-18.3	83	0.00
11 T	Tert butyl alcohol	0.028	0.034	-21.4#	92	0.00
12 CM	1,1-Dichloroethene	0.418	0.462	-10.5#	79	0.00
13 T	Acrolein	0.027	0.024	11.1	67	0.00
14 T	Allyl chloride	0.597	0.636	-6.5	76	0.00
15 T	Acrylonitrile	0.081	0.108	-33.3#	95	0.00
16 T	Acetone	0.089	0.090	-1.1	87	0.00
17 T	Carbon Disulfide	1.261	1.260	0.1	70	0.00
18 T	Methyl Acetate	0.209	0.275	-31.6#	93	-0.01
19 T	Methyl tert-butyl Ether	0.636	0.779	-22.5#	87	0.00
20 T	Methylene Chloride	0.484	0.540	-11.6	87	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.542	-16.3	82	0.00
22 T	Diisopropyl ether	1.180	1.422	-20.5#	85	0.00
23 T	Vinyl Acetate	0.697	0.808	-15.9	83	0.00
24 P	1,1-Dichloroethane	0.762	0.934	-22.6#	86	0.00
25 T	2-Butanone	0.112	0.139	-24.1#	93	0.00
26 T	2,2-Dichloropropane	0.537	0.480	10.6	66	0.00
27 T	cis-1,2-Dichloroethene	0.515	0.630	-22.3#	87	0.00
28 T	Bromochloromethane	0.294	0.366	-24.5#	82	0.00
29 T	Tetrahydrofuran	0.069	0.089	-29.0#	94	0.00
30 C	Chloroform	0.830	1.027	-23.7#	88	0.00
31 T	Cyclohexane	0.759	0.730	3.8	73	0.00
32 T	1,1,1-Trichloroethane	0.749	0.835	-11.5	79	0.00
33 S	1,2-Dichloroethane-d4	0.415	0.453	-9.2	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.295	0.311	-5.4	76	0.00
36 T	1,1-Dichloropropene	0.461	0.496	-7.6	80	0.00
37 T	Ethyl Acetate	0.171	0.209	-22.2#	95	0.00
38 T	Carbon Tetrachloride	0.505	0.526	-4.2	77	0.00
39 T	Methylcyclohexane	0.613	0.615	-0.3	75	0.00
40 TM	Benzene	1.264	1.489	-17.8	88	0.00
41 T	Methacrylonitrile	0.103	0.120	-16.5	85	0.00
42 TM	1,2-Dichloroethane	0.371	0.447	-20.5#	89	0.00
43 T	Isopropyl Acetate	0.350	0.409	-16.9	88	0.00
44 TM	Trichloroethene	0.388	0.447	-15.2	86	0.00
45 C	1,2-Dichloropropane	0.303	0.356	-17.5#	88	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.172	0.212	-23.3#	91	0.00
47 T	Bromodichloromethane	0.418	0.489	-17.0	86	0.00
48 T	Methyl methacrylate	0.166	0.198	-19.3	88	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	100	0.00
50 S	Toluene-d8	1.124	1.114	0.9	72	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.217	-24.0#	93	0.00
52 CM	Toluene	0.848	0.982	-15.8#	86	0.00
53 T	t-1,3-Dichloropropene	0.416	0.456	-9.6	80	0.00
54 T	cis-1,3-Dichloropropene	0.478	0.531	-11.1	82	0.00
55 T	1,1,2-Trichloroethane	0.241	0.303	-25.7#	94	0.00
56 T	Ethyl methacrylate	0.296	0.359	-21.3#	90	0.00
57 T	1,3-Dichloropropane	0.399	0.488	-22.3#	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.113	0.135	-19.5	92	0.00
59 T	2-Hexanone	0.125	0.147	-17.6	90	0.00
60 T	Dibromochloromethane	0.301	0.359	-19.3	86	0.00
61 T	1,2-Dibromoethane	0.241	0.302	-25.3#	92	0.00
62 S	4-Bromofluorobenzene	0.422	0.433	-2.6	73	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.388	0.484	-24.7#	95	0.00
65 PM	Chlorobenzene	1.070	1.236	-15.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.443	-16.6	87	0.00
67 C	Ethyl Benzene	1.855	2.070	-11.6#	85	0.00
68 T	m/p-Xylenes	0.733	0.826	-12.7	85	0.00
69 T	o-Xylene	0.699	0.792	-13.3	85	0.00
70 T	Styrene	1.136	1.325	-16.6	87	0.00
71 P	Bromoform	0.212	0.246	-16.0	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.532	3.757	-6.4	83	0.00
74 T	N-amyl acetate	0.686	0.752	-9.6	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.537	0.657	-22.3#	94	0.00
76 T	1,2,3-Trichloropropane	0.382	0.416	-8.9	88	0.00
77 T	Bromobenzene	0.865	0.982	-13.5	88	0.00
78 T	n-propylbenzene	4.110	4.363	-6.2	82	0.00
79 T	2-Chlorotoluene	2.309	2.517	-9.0	84	0.00
80 T	1,3,5-Trimethylbenzene	2.978	3.215	-8.0	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.155	3.1	74	0.00
82 T	4-Chlorotoluene	2.419	2.662	-10.0	85	0.00
83 T	tert-Butylbenzene	2.664	2.869	-7.7	84	0.00
84 T	1,2,4-Trimethylbenzene	3.013	3.305	-9.7	85	0.00
85 T	sec-Butylbenzene	3.764	3.987	-5.9	82	0.00
86 T	p-Isopropyltoluene	3.404	3.645	-7.1	82	0.00
87 T	1,3-Dichlorobenzene	1.722	1.930	-12.1	87	0.00
88 T	1,4-Dichlorobenzene	1.714	1.922	-12.1	87	0.00
89 T	n-Butylbenzene	3.114	3.216	-3.3	80	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Evaluate Continuing Calibration Report

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.598	-3.6	77	0.00
91 T	1,2-Dichlorobenzene	1.536	1.759	-14.5	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.108	-12.5	87	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.284	-8.6	87	0.00
94 T	Hexachlorobutadiene	0.742	0.766	-3.2	81	0.00
95 T	Naphthalene	1.966	2.323	-18.2	93	0.00
96 T	1,2,3-Trichlorobenzene	1.022	1.149	-12.4	89	0.00

(#) = Out of Range

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