

Data File : VW002868.D
Acq On : 25 May 2018 12:38
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 05:36:06 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 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	97	0.00
2 T	Dichlorodifluoromethane	0.193	0.177	8.3	92	0.00
3 P	Chloromethane	0.369	0.325	11.9	94	0.00
4 C	Vinyl Chloride	0.579	0.525	9.3#	93	0.00
5 T	Bromomethane	0.475	0.385	18.9	85	0.00
6 T	Chloroethane	0.398	0.330	17.1	85	0.00
7 T	Trichlorofluoromethane	0.255	0.298	-16.9	112	0.00
8 T	Diethyl Ether	0.305	0.219	28.2#	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.422	0.434	-2.8	101	0.00
10 T	Methyl Iodide	0.673	0.621	7.7	93	0.00
11 T	Tert butyl alcohol	0.040	0.034	15.0	81	-0.02
12 CM	1,1-Dichloroethene	0.418	0.409	2.2#	100	0.00
13 T	Acrolein	0.039	0.042	-7.7	104	0.00
14 T	Allyl chloride	0.621	0.647	-4.2	103	0.00
15 T	Acrylonitrile	0.110	0.098	10.9	85	0.00
16 T	Acetone	0.109	0.126	-15.6	116	0.00
17 T	Carbon Disulfide	1.151	1.046	9.1	92	0.00
18 T	Methyl Acetate	0.318	0.293	7.9	90	0.00
19 T	Methyl tert-butyl Ether	0.768	0.737	4.0	93	0.00
20 T	Methylene Chloride	0.483	0.443	8.3	99	0.00
21 T	trans-1,2-Dichloroethene	0.452	0.434	4.0	96	0.00
22 T	Diisopropyl ether	1.375	1.354	1.5	97	0.00
23 T	Vinyl Acetate	0.833	0.799	4.1	91	0.00
24 P	1,1-Dichloroethane	0.829	0.823	0.7	100	0.00
25 T	2-Butanone	0.154	0.145	5.8	89	0.00
26 T	2,2-Dichloropropane	0.464	0.524	-12.9	116	0.00
27 T	cis-1,2-Dichloroethene	0.516	0.494	4.3	96	0.00
28 T	Bromochloromethane	0.370	0.365	1.4	98	0.00
29 T	Tetrahydrofuran	0.096	0.084	12.5	82	0.00
30 C	Chloroform	0.885	0.862	2.6#	98	0.00
31 T	Cyclohexane	0.734	0.700	4.6	100	0.00
32 T	1,1,1-Trichloroethane	0.667	0.682	-2.2	99	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.501	3.1	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.317	0.323	-1.9	99	0.00
36 T	1,1-Dichloropropene	0.441	0.444	-0.7	97	0.00
37 T	Ethyl Acetate	0.219	0.195	11.0	83	0.00
38 T	Carbon Tetrachloride	0.432	0.453	-4.9	100	0.00
39 T	Methylcyclohexane	0.505	0.520	-3.0	99	0.00
40 TM	Benzene	1.267	1.257	0.8	97	0.00
41 T	Methacrylonitrile	0.122	0.100	18.0	77	0.00
42 TM	1,2-Dichloroethane	0.402	0.390	3.0	95	0.00
43 T	Isopropyl Acetate	0.421	0.382	9.3	85	0.00
44 TM	Trichloroethene	0.347	0.344	0.9	98	0.00
45 C	1,2-Dichloropropane	0.323	0.320	0.9#	97	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	0.184	0.169	8.2	89	0.00
47 T	Bromodichloromethane	0.428	0.431	-0.7	97	0.00
48 T	Methyl methacrylate	0.204	0.182	10.8	84	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	85	0.00
50 S	Toluene-d8	1.207	1.252	-3.7	100	0.00
51 T	4-Methyl-2-Pentanone	0.231	0.208	10.0	83	0.00
52 CM	Toluene	0.801	0.811	-1.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.433	0.440	-1.6	95	0.00
54 T	cis-1,3-Dichloropropene	0.483	0.494	-2.3	98	0.00
55 T	1,1,2-Trichloroethane	0.259	0.244	5.8	92	0.00
56 T	Ethyl methacrylate	0.315	0.299	5.1	87	0.00
57 T	1,3-Dichloropropane	0.429	0.418	2.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.153	1.3	92	0.00
59 T	2-Hexanone	0.160	0.151	5.6	86	0.00
60 T	Dibromochloromethane	0.305	0.298	2.3	93	0.00
61 T	1,2-Dibromoethane	0.250	0.233	6.8	90	0.00
62 S	4-Bromofluorobenzene	0.441	0.451	-2.3	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.352	0.321	8.8	89	0.00
65 PM	Chlorobenzene	0.996	0.992	0.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.361	-1.4	96	0.00
67 C	Ethyl Benzene	1.693	1.763	-4.1#	98	0.00
68 T	m/p-Xylenes	0.658	0.685	-4.1	98	0.00
69 T	o-Xylene	0.625	0.640	-2.4	97	0.00
70 T	Styrene	1.041	1.075	-3.3	97	0.00
71 P	Bromoform	0.209	0.201	3.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.082	3.356	-8.9	100	0.00
74 T	N-amyl acetate	0.785	0.745	5.1	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.624	0.597	4.3	88	0.00
76 T	1,2,3-Trichloropropane	0.473	0.439	7.2	85	0.00
77 T	Bromobenzene	0.786	0.789	-0.4	94	0.00
78 T	n-propylbenzene	3.722	4.060	-9.1	101	0.00
79 T	2-Chlorotoluene	2.114	2.269	-7.3	100	0.00
80 T	1,3,5-Trimethylbenzene	2.630	2.855	-8.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.179	-3.5	93	0.00
82 T	4-Chlorotoluene	2.286	2.407	-5.3	99	0.00
83 T	tert-Butylbenzene	2.271	2.526	-11.2	102	0.00
84 T	1,2,4-Trimethylbenzene	2.730	2.927	-7.2	98	0.00
85 T	sec-Butylbenzene	3.264	3.611	-10.6	100	0.00
86 T	p-Isopropyltoluene	2.936	3.229	-10.0	99	0.00
87 T	1,3-Dichlorobenzene	1.591	1.622	-1.9	97	0.00
88 T	1,4-Dichlorobenzene	1.582	1.600	-1.1	96	0.00
89 T	n-Butylbenzene	2.777	3.114	-12.1	102	0.00

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052518\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.526	0.565	-7.4	98	0.00
91 T	1,2-Dichlorobenzene	1.443	1.445	-0.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.100	9.1	82	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.053	-0.2	93	0.00
94 T	Hexachlorobutadiene	0.585	0.623	-6.5	99	0.00
95 T	Naphthalene	1.910	1.814	5.0	83	0.00
96 T	1,2,3-Trichlorobenzene	0.940	0.908	3.4	90	0.00

(#) = Out of Range

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