

Data File : VW002531.D
Acq On : 15 May 2018 00:11
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

Quant Time: May 15 07:37:56 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	103	0.00
2 T	Dichlorodifluoromethane	0.193	0.186	3.6	102	0.00
3 P	Chloromethane	0.369	0.401	-8.7	122	0.00
4 C	Vinyl Chloride	0.579	0.630	-8.8#	118	0.00
5 T	Bromomethane	0.475	0.460	3.2	107	0.00
6 T	Chloroethane	0.398	0.403	-1.3	110	0.00
7 T	Trichlorofluoromethane	0.255	0.271	-6.3	107	0.00
8 T	Diethyl Ether	0.305	0.288	5.6	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.422	0.421	0.2	103	0.00
10 T	Methyl Iodide	0.673	0.672	0.1	106	0.00
11 T	Tert butyl alcohol	0.040	0.044	-10.0	112	0.00
12 CM	1,1-Dichloroethene	0.418	0.411	1.7#	106	0.00
13 T	Acrolein	0.039	0.040	-2.6	106	0.00
14 T	Allyl chloride	0.621	0.634	-2.1	106	0.00
15 T	Acrylonitrile	0.110	0.116	-5.5	107	0.00
16 T	Acetone	0.109	0.110	-0.9	107	0.00
17 T	Carbon Disulfide	1.151	1.113	3.3	104	0.00
18 T	Methyl Acetate	0.318	0.334	-5.0	108	0.00
19 T	Methyl tert-butyl Ether	0.768	0.811	-5.6	108	0.00
20 T	Methylene Chloride	0.483	0.447	7.5	106	0.00
21 T	trans-1,2-Dichloroethene	0.452	0.446	1.3	104	0.00
22 T	Diisopropyl ether	1.375	1.433	-4.2	108	0.00
23 T	Vinyl Acetate	0.833	0.893	-7.2	108	0.00
24 P	1,1-Dichloroethane	0.829	0.828	0.1	106	0.00
25 T	2-Butanone	0.154	0.163	-5.8	106	0.00
26 T	2,2-Dichloropropane	0.464	0.446	3.9	104	0.00
27 T	cis-1,2-Dichloroethene	0.516	0.516	0.0	106	0.00
28 T	Bromochloromethane	0.370	0.361	2.4	103	0.00
29 T	Tetrahydrofuran	0.096	0.103	-7.3	106	0.00
30 C	Chloroform	0.885	0.881	0.5#	106	0.00
31 T	Cyclohexane	0.734	0.682	7.1	103	0.00
32 T	1,1,1-Trichloroethane	0.667	0.672	-0.7	104	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.556	-7.5	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.317	0.333	-5.0	111	0.00
36 T	1,1-Dichloropropene	0.441	0.427	3.2	103	0.00
37 T	Ethyl Acetate	0.219	0.232	-5.9	109	0.00
38 T	Carbon Tetrachloride	0.432	0.426	1.4	103	0.00
39 T	Methylcyclohexane	0.505	0.493	2.4	103	0.00
40 TM	Benzene	1.267	1.250	1.3	106	0.00
41 T	Methacrylonitrile	0.122	0.146	-19.7	123	0.00
42 TM	1,2-Dichloroethane	0.402	0.399	0.7	107	0.00
43 T	Isopropyl Acetate	0.421	0.447	-6.2	109	0.00
44 TM	Trichloroethene	0.347	0.341	1.7	106	0.00
45 C	1,2-Dichloropropane	0.323	0.322	0.3#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.184	0.183	0.5	106	0.00
47 T	Bromodichloromethane	0.428	0.436	-1.9	107	0.00
48 T	Methyl methacrylate	0.204	0.228	-11.8	115	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50 S	Toluene-d8	1.207	1.290	-6.9	113	0.00
51 T	4-Methyl-2-Pentanone	0.231	0.247	-6.9	108	0.00
52 CM	Toluene	0.801	0.794	0.9#	105	0.00
53 T	t-1,3-Dichloropropene	0.433	0.442	-2.1	105	0.00
54 T	cis-1,3-Dichloropropene	0.483	0.488	-1.0	106	0.00
55 T	1,1,2-Trichloroethane	0.259	0.256	1.2	105	0.00
56 T	Ethyl methacrylate	0.315	0.338	-7.3	107	0.00
57 T	1,3-Dichloropropane	0.429	0.435	-1.4	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.171	-10.3	112	0.00
59 T	2-Hexanone	0.160	0.172	-7.5	107	0.00
60 T	Dibromochloromethane	0.305	0.313	-2.6	107	0.00
61 T	1,2-Dibromoethane	0.250	0.254	-1.6	108	0.00
62 S	4-Bromofluorobenzene	0.441	0.470	-6.6	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.352	0.362	-2.8	109	0.00
65 PM	Chlorobenzene	0.996	1.001	-0.5	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.364	-2.2	106	0.00
67 C	Ethyl Benzene	1.693	1.746	-3.1#	106	0.00
68 T	m/p-Xylenes	0.658	0.665	-1.1	104	0.00
69 T	o-Xylene	0.625	0.640	-2.4	105	0.00
70 T	Styrene	1.041	1.072	-3.0	106	0.00
71 P	Bromoform	0.209	0.222	-6.2	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.082	3.178	-3.1	105	0.00
74 T	N-amyl acetate	0.785	0.879	-12.0	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.624	0.655	-5.0	106	0.00
76 T	1,2,3-Trichloropropane	0.473	0.509	-7.6	108	0.00
77 T	Bromobenzene	0.786	0.798	-1.5	105	0.00
78 T	n-propylbenzene	3.722	3.878	-4.2	106	0.00
79 T	2-Chlorotoluene	2.114	2.196	-3.9	107	0.00
80 T	1,3,5-Trimethylbenzene	2.630	2.738	-4.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.187	-8.1	106	0.00
82 T	4-Chlorotoluene	2.286	2.364	-3.4	107	0.00
83 T	tert-Butylbenzene	2.271	2.376	-4.6	105	0.00
84 T	1,2,4-Trimethylbenzene	2.730	2.828	-3.6	104	0.00
85 T	sec-Butylbenzene	3.264	3.383	-3.6	104	0.00
86 T	p-Isopropyltoluene	2.936	3.072	-4.6	104	0.00
87 T	1,3-Dichlorobenzene	1.591	1.606	-0.9	106	0.00
88 T	1,4-Dichlorobenzene	1.582	1.586	-0.3	105	0.00
89 T	n-Butylbenzene	2.777	2.894	-4.2	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051518\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.526	0.549	-4.4	105	0.00
91 T	1,2-Dichlorobenzene	1.443	1.465	-1.5	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.118	-7.3	106	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.068	-1.6	104	0.00
94 T	Hexachlorobutadiene	0.585	0.590	-0.9	103	0.00
95 T	Naphthalene	1.910	2.097	-9.8	105	0.00
96 T	1,2,3-Trichlorobenzene	0.940	0.964	-2.6	105	0.00

(#) = Out of Range

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