

Data File : VF059116.D
 Acq On : 6 Jun 2018 20:00
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICV050

Quant Time: Jun 07 11:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	0.566	0.574	-1.4	110	0.00
3 P	Chloromethane	0.438	0.471	-7.5	112	0.00
4 C	Vinyl Chloride	0.395	0.438	-10.9#	115	0.00
5 T	Bromomethane	0.230	0.254	-10.4	120	0.00
6 T	Chloroethane	0.164	0.197	-20.1	121	0.00
7 T	Trichlorofluoromethane	0.615	0.652	-6.0	105	0.00
8 T	Diethyl Ether	0.155	0.159	-2.6	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.392	0.393	-0.3	105	0.00
10 T	Methyl Iodide	0.686	0.736	-7.3	111	0.00
11 T	Tert butyl alcohol	0.039	0.036	7.7	102	0.00
12 CM	1,1-Dichloroethene	0.329	0.342	-4.0#	105	0.00
13 T	Acrolein	0.034	0.034	0.0	124	0.00
14 T	Allyl chloride	0.647	0.689	-6.5	115	0.00
15 T	Acrylonitrile	0.077	0.081	-5.2	102	-0.01
16 T	Acetone	0.145	0.147	-1.4	108	0.00
17 T	Carbon Disulfide	0.925	1.027	-11.0	114	0.00
18 T	Methyl Acetate	0.249	0.251	-0.8	114	0.00
19 T	Methyl tert-butyl Ether	1.023	1.075	-5.1	111	0.00
20 T	Methylene Chloride	0.347	0.357	-2.9	114	0.00
21 T	trans-1,2-Dichloroethene	0.361	0.359	0.6	106	0.00
22 T	Diisopropyl ether	1.271	1.344	-5.7	117	0.00
23 T	Vinyl Acetate	0.838	0.918	-9.5	114	0.00
24 P	1,1-Dichloroethane	0.771	0.794	-3.0	113	0.00
25 T	2-Butanone	0.224	0.221	1.3	112	0.00
26 T	2,2-Dichloropropane	0.559	0.525	6.1	100	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.546	1.8	103	0.00
28 T	Bromochloromethane	0.347	0.351	-1.2	115	0.00
29	Tetrahydrofuran	0.099	0.105	-6.1	116	0.00
30 C	Chloroform	1.102	1.079	2.1#	102	0.00
31 T	Cyclohexane	0.673	0.703	-4.5	111	0.00
32 T	1,1,1-Trichloroethane	0.823	0.806	2.1	103	0.00
33 S	1,2-Dichloroethane-d4	0.606	0.587	3.1	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.351	0.354	-0.9	102	0.00
36 T	1,1-Dichloropropene	0.485	0.501	-3.3	107	0.00
37 T	Ethyl Acetate	0.299	0.301	-0.7	114	0.00
38 T	Carbon Tetrachloride	0.525	0.574	-9.3	110	0.00
39 T	Methylcyclohexane	0.494	0.516	-4.5	107	0.00
40 TM	Benzene	1.125	1.131	-0.5	108	0.00
41 T	Methacrylonitrile	0.147	0.149	-1.4	111	0.00
42 TM	1,2-Dichloroethane	0.505	0.509	-0.8	105	0.00
43 T	Isopropyl Acetate	0.401	0.426	-6.2	122	0.00
44 TM	Trichloroethene	0.351	0.348	0.9	107	0.00
45 C	1,2-Dichloropropane	0.324	0.325	-0.3#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.244	0.241	1.2	102	0.00
47 T	Bromodichloromethane	0.555	0.555	0.0	104	0.00
48 T	Methyl methacrylate	0.247	0.254	-2.8	109	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	98	0.00
50 S	Toluene-d8	1.031	1.069	-3.7	105	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.275	0.0	114	0.00
52 CM	Toluene	0.810	0.790	2.5#	105	0.00
53 T	t-1,3-Dichloropropene	0.538	0.508	5.6	107	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.626	-1.3	108	0.00
55 T	1,1,2-Trichloroethane	0.294	0.295	-0.3	106	0.00
56 T	Ethyl methacrylate	0.370	0.380	-2.7	113	0.00
57 T	1,3-Dichloropropane	0.502	0.502	0.0	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.026	0.026	0.0	111	0.00
59 T	2-Hexanone	0.217	0.223	-2.8	118	0.00
60 T	Dibromochloromethane	0.422	0.418	0.9	104	0.00
61 T	1,2-Dibromoethane	0.341	0.350	-2.6	110	0.00
62 S	4-Bromofluorobenzene	0.529	0.505	4.5	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.367	0.371	-1.1	103	0.00
65 PM	Chlorobenzene	0.990	1.019	-2.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.378	4.1	101	0.00
67 C	Ethyl Benzene	1.720	1.718	0.1#	102	0.00
68 T	m/p-Xylenes	0.644	0.631	2.0	110	0.00
69 T	o-Xylene	0.696	0.707	-1.6	106	0.00
70 T	Styrene	1.053	1.043	0.9	104	0.00
71 P	Bromoform	0.267	0.273	-2.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.462	3.366	2.8	103	0.00
74 T	N-amyl acetate	1.237	1.299	-5.0	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.821	0.797	2.9	107	0.00
76 T	1,2,3-Trichloropropane	0.606	0.578	4.6	106	0.00
77 T	Bromobenzene	0.871	0.840	3.6	103	0.00
78 T	n-propylbenzene	4.097	3.886	5.2	100	0.00
79 T	2-Chlorotoluene	2.421	2.307	4.7	103	0.00
80 T	1,3,5-Trimethylbenzene	2.865	2.774	3.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.393	0.378	3.8	108	0.00
82 T	4-Chlorotoluene	2.577	2.516	2.4	106	0.00
83 T	tert-Butylbenzene	2.845	2.754	3.2	100	0.00
84 T	1,2,4-Trimethylbenzene	2.969	2.914	1.9	100	0.00
85 T	sec-Butylbenzene	3.866	3.813	1.4	104	0.00
86 T	p-Isopropyltoluene	3.175	3.143	1.0	101	0.00
87 T	1,3-Dichlorobenzene	1.608	1.516	5.7	102	0.00
88 T	1,4-Dichlorobenzene	1.550	1.535	1.0	105	0.00
89 T	n-Butylbenzene	3.325	3.160	5.0	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF060618\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.782	0.778	0.5	104	0.00
91 T	1,2-Dichlorobenzene	1.550	1.498	3.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.161	0.166	-3.1	107	0.00
93 T	1,2,4-Trichlorobenzene	1.084	1.107	-2.1	108	0.00
94 T	Hexachlorobutadiene	0.627	0.643	-2.6	104	0.00
95 T	Naphthalene	2.315	2.380	-2.8	109	0.00
96 T	1,2,3-Trichlorobenzene	1.002	1.046	-4.4	105	0.00

(#) = Out of Range

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