

Data File : VW003254.D
 Acq On : 13 Jun 2018 19:33
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW061318

Quant Time: Jun 14 08:26:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 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	0.151	0.148	2.0	107	0.00
3 P	Chloromethane	0.382	0.392	-2.6	111	0.00
4 C	Vinyl Chloride	0.557	0.529	5.0#	106	0.00
5 T	Bromomethane	0.370	0.351	5.1	105	0.00
6 T	Chloroethane	0.388	0.354	8.8	104	0.00
7 T	Trichlorofluoromethane	0.334	0.303	9.3	99	0.00
8 T	Diethyl Ether	0.245	0.240	2.0	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.463	0.431	6.9	103	0.00
10 T	Methyl Iodide	0.700	0.679	3.0	106	0.00
11 T	Tert butyl alcohol	0.029	0.032	-10.3	108	0.00
12 CM	1,1-Dichloroethene	0.453	0.424	6.4#	105	0.00
13 T	Acrolein	0.042	0.042	0.0	108	0.00
14 T	Allyl chloride	0.784	0.780	0.5	108	0.00
15 T	Acrylonitrile	0.101	0.104	-3.0	108	0.00
16 T	Acetone	0.114	0.111	2.6	105	0.00
17 T	Carbon Disulfide	1.338	1.268	5.2	106	0.00
18 T	Methyl Acetate	0.269	0.278	-3.3	111	0.00
19 T	Methyl tert-butyl Ether	0.848	0.885	-4.4	109	0.00
20 T	Methylene Chloride	0.562	0.499	11.2	108	0.00
21 T	trans-1,2-Dichloroethene	0.493	0.478	3.0	107	0.00
22 T	Diisopropyl ether	1.578	1.633	-3.5	109	0.00
23 T	Vinyl Acetate	0.909	0.959	-5.5	108	0.00
24 P	1,1-Dichloroethane	0.937	0.933	0.4	109	0.00
25 T	2-Butanone	0.141	0.144	-2.1	104	0.00
26 T	2,2-Dichloropropane	0.625	0.587	6.1	104	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.544	-0.6	107	0.00
28 T	Bromochloromethane	0.390	0.440	-12.8	112	0.00
29 T	Tetrahydrofuran	0.086	0.091	-5.8	110	0.00
30 C	Chloroform	0.954	0.945	0.9#	107	0.00
31 T	Cyclohexane	0.875	0.796	9.0	107	0.00
32 T	1,1,1-Trichloroethane	0.788	0.770	2.3	106	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.594	-9.6	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.311	0.331	-6.4	115	0.00
36 T	1,1-Dichloropropene	0.483	0.461	4.6	105	0.00
37 T	Ethyl Acetate	0.200	0.199	0.5	107	0.00
38 T	Carbon Tetrachloride	0.474	0.454	4.2	105	0.00
39 T	Methylcyclohexane	0.559	0.542	3.0	107	0.00
40 TM	Benzene	1.331	1.296	2.6	107	0.00
41 T	Methacrylonitrile	0.123	0.128	-4.1	112	0.00
42 TM	1,2-Dichloroethane	0.417	0.413	1.0	108	0.00
43 T	Isopropyl Acetate	0.397	0.404	-1.8	108	0.00
44 TM	Trichloroethene	0.353	0.340	3.7	106	0.00
45 C	1,2-Dichloropropane	0.339	0.339	0.0	109	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.174	0.174	0.0	110	0.00
47 T	Bromodichloromethane	0.445	0.442	0.7	108	0.00
48 T	Methyl methacrylate	0.187	0.202	-8.0	111	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50 S	Toluene-d8	1.232	1.329	-7.9	115	0.00
51 T	4-Methyl-2-Pentanone	0.202	0.212	-5.0	109	0.00
52 CM	Toluene	0.854	0.838	1.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.454	0.459	-1.1	107	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.520	-0.6	108	0.00
55 T	1,1,2-Trichloroethane	0.244	0.244	0.0	109	0.00
56 T	Ethyl methacrylate	0.297	0.317	-6.7	109	0.00
57 T	1,3-Dichloropropane	0.422	0.424	-0.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.133	0.140	-5.3	109	0.00
59 T	2-Hexanone	0.141	0.151	-7.1	109	0.00
60 T	Dibromochloromethane	0.291	0.296	-1.7	108	0.00
61 T	1,2-Dibromoethane	0.231	0.233	-0.9	108	0.00
62 S	4-Bromofluorobenzene	0.436	0.482	-10.6	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.334	0.320	4.2	107	0.00
65 PM	Chlorobenzene	1.041	1.002	3.7	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.356	2.7	106	0.00
67 C	Ethyl Benzene	1.846	1.811	1.9#	107	0.00
68 T	m/p-Xylenes	0.702	0.692	1.4	107	0.00
69 T	o-Xylene	0.650	0.651	-0.2	107	0.00
70 T	Styrene	1.082	1.106	-2.2	108	0.00
71 P	Bromoform	0.190	0.192	-1.1	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.478	3.430	1.4	105	0.00
74 T	N-amyl acetate	0.792	0.827	-4.4	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.588	0.599	-1.9	110	0.00
76 T	1,2,3-Trichloropropane	0.427	0.431	-0.9	110	0.00
77 T	Bromobenzene	0.810	0.796	1.7	106	0.00
78 T	n-propylbenzene	4.258	4.196	1.5	105	0.00
79 T	2-Chlorotoluene	2.407	2.360	2.0	105	0.00
80 T	1,3,5-Trimethylbenzene	2.919	2.916	0.1	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.189	-1.6	106	0.00
82 T	4-Chlorotoluene	2.553	2.500	2.1	106	0.00
83 T	tert-Butylbenzene	2.488	2.472	0.6	105	0.00
84 T	1,2,4-Trimethylbenzene	3.003	2.994	0.3	106	0.00
85 T	sec-Butylbenzene	3.698	3.641	1.5	105	0.00
86 T	p-Isopropyltoluene	3.261	3.215	1.4	104	0.00
87 T	1,3-Dichlorobenzene	1.664	1.612	3.1	105	0.00
88 T	1,4-Dichlorobenzene	1.654	1.600	3.3	105	0.00
89 T	n-Butylbenzene	3.179	3.135	1.4	105	0.00

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Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.590	0.584	1.0	106	0.00
91 T	1,2-Dichlorobenzene	1.457	1.435	1.5	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.103	-4.0	109	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.004	1.9	105	0.00
94 T	Hexachlorobutadiene	0.615	0.588	4.4	103	0.00
95 T	Naphthalene	1.736	1.822	-5.0	108	0.00
96 T	1,2,3-Trichlorobenzene	0.901	0.879	2.4	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5