

Data File : VX000606.D
Acq On : 31 Mar 2018 20:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 02 07:47:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 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	108	0.00
2 T	Dichlorodifluoromethane	0.551	0.404	26.7#	82	0.00
3 P	Chloromethane	0.581	0.399	31.3#	79	0.00
4 C	Vinyl Chloride	0.613	0.571	6.9#	103	0.00
5 T	Bromomethane	0.771	0.554	28.1#	74	0.00
6 T	Chloroethane	0.461	0.465	-0.9	123	0.00
7 T	Trichlorofluoromethane	1.107	1.245	-12.5	125	0.00
8 T	Diethyl Ether	0.396	0.447	-12.9	126	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.617	0.658	-6.6	121	0.00
10 T	Methyl Iodide	0.548	0.150	72.6#	26#	0.00
11 T	Tert butyl alcohol	0.225	0.294	-30.7#	140	0.02
12 CM	1,1-Dichloroethene	0.542	0.617	-13.8#	122	0.00
13 T	Acrolein	0.074	0.142	-91.9#	220#	0.00
14 T	Allyl chloride	1.040	1.113	-7.0	120	0.00
15 T	Acrylonitrile	0.455	0.544	-19.6	132	0.00
16 T	Acetone	0.543	0.528	2.8	107	0.00
17 T	Carbon Disulfide	1.583	1.644	-3.9	121	0.00
18 T	Methyl Acetate	1.138	1.317	-15.7	126	0.00
19 T	Methyl tert-butyl Ether	2.004	2.325	-16.0	126	0.00
20 T	Methylene Chloride	0.627	0.704	-12.3	127	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.721	-19.2	134	0.00
22 T	Diisopropyl ether	1.694	1.559	8.0	108	0.00
23 T	Vinyl Acetate	1.606	1.449	9.8	94	0.00
24 P	1,1-Dichloroethane	1.065	0.774	27.3#	77	0.00
25 T	2-Butanone	0.610	0.597	2.1	105	0.00
26 T	2,2-Dichloropropane	0.747	0.610	18.3	85	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.527	6.7	101	0.00
28 T	Bromochloromethane	0.439	0.473	-7.7	106	0.00
29 T	Tetrahydrofuran	0.375	0.404	-7.7	113	0.00
30 C	Chloroform	0.998	1.033	-3.5#	106	0.00
31 T	Cyclohexane	0.823	0.798	3.0	105	0.00
32 T	1,1,1-Trichloroethane	0.901	0.893	0.9	104	0.00
33 S	1,2-Dichloroethane-d4	0.653	0.688	-5.4	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.315	0.331	-5.1	108	0.00
36 T	1,1-Dichloropropene	0.468	0.442	5.6	105	0.00
37 T	Ethyl Acetate	0.640	0.631	1.4	107	0.00
38 T	Carbon Tetrachloride	0.491	0.478	2.6	105	0.00
39 T	Methylcyclohexane	0.570	0.538	5.6	104	0.00
40 TM	Benzene	1.360	1.364	-0.3	108	0.00
41 T	Methacrylonitrile	0.337	0.331	1.8	112	0.00
42 TM	1,2-Dichloroethane	0.534	0.527	1.3	107	0.00
43 T	Isopropyl Acetate	0.952	0.962	-1.1	107	0.00
44 TM	Trichloroethene	0.390	0.384	1.5	112	0.00
45 C	1,2-Dichloropropane	0.348	0.358	-2.9#	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.271	0.7	109	0.00
47 T	Bromodichloromethane	0.481	0.513	-6.7	110	0.00
48 T	Methyl methacrylate	0.462	0.478	-3.5	109	0.00
49 T	1,4-Dioxane	0.010	0.012	-20.0	130	0.00
50 S	Toluene-d8	1.305	1.454	-11.4	121	0.00
51 T	4-Methyl-2-Pentanone	0.737	0.812	-10.2	118	0.00
52 CM	Toluene	0.951	1.003	-5.5#	117	0.00
53 T	t-1,3-Dichloropropene	0.557	0.572	-2.7	108	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.585	-8.3	112	0.00
55 T	1,1,2-Trichloroethane	0.391	0.415	-6.1	116	0.00
56 T	Ethyl methacrylate	0.593	0.646	-8.9	117	0.00
57 T	1,3-Dichloropropane	0.625	0.665	-6.4	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.284	0.289	-1.8	106	0.00
59 T	2-Hexanone	0.626	0.698	-11.5	120	0.00
60 T	Dibromochloromethane	0.400	0.460	-15.0	118	0.00
61 T	1,2-Dibromoethane	0.419	0.470	-12.2	120	0.00
62 S	4-Bromofluorobenzene	0.509	0.605	-18.9	128	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.388	0.346	10.8	115	0.00
65 PM	Chlorobenzene	1.113	1.071	3.8	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.367	2.9	115	0.00
67 C	Ethyl Benzene	1.886	1.880	0.3#	121	0.00
68 T	m/p-Xylenes	0.742	0.764	-3.0	125	0.00
69 T	o-Xylene	0.719	0.728	-1.3	123	0.00
70 T	Styrene	1.189	1.274	-7.1	125	0.00
71 P	Bromoform	0.336	0.343	-2.1	122	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	135	0.00
73 T	Isopropylbenzene	3.313	3.055	7.8	123	0.00
74 T	N-amyl acetate	1.653	1.291	21.9#	107	0.00
75 P	1,1,2,2-Tetrachloroethane	1.172	1.111	5.2	126	0.00
76 T	1,2,3-Trichloropropane	1.075	0.989	8.0	123	0.00
77 T	Bromobenzene	0.883	0.775	12.2	125	0.00
78 T	n-propylbenzene	3.950	3.622	8.3	125	0.00
79 T	2-Chlorotoluene	2.282	2.060	9.7	124	0.00
80 T	1,3,5-Trimethylbenzene	2.786	2.660	4.5	124	0.00
81 T	trans-1,4-Dichloro-2-butene	0.332	0.296	10.8	112	0.00
82 T	4-Chlorotoluene	2.725	2.567	5.8	127	0.00
83 T	tert-Butylbenzene	2.809	2.651	5.6	126	0.00
84 T	1,2,4-Trimethylbenzene	2.920	2.765	5.3	124	0.00
85 T	sec-Butylbenzene	3.476	3.253	6.4	123	0.00
86 T	p-Isopropyltoluene	3.087	2.983	3.4	125	0.00
87 T	1,3-Dichlorobenzene	1.669	1.564	6.3	128	0.00
88 T	1,4-Dichlorobenzene	1.752	1.659	5.3	131	0.00
89 T	n-Butylbenzene	2.874	2.729	5.0	126	0.00

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX033118\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.486	0.472	2.9	123	0.00
91 T	1,2-Dichlorobenzene	1.636	1.586	3.1	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.327	0.315	3.7	127	0.00
93 T	1,2,4-Trichlorobenzene	1.173	1.100	6.2	131	0.00
94 T	Hexachlorobutadiene	0.486	0.421	13.4	118	0.00
95 T	Naphthalene	4.085	4.025	1.5	129	0.00
96 T	1,2,3-Trichlorobenzene	1.159	1.101	5.0	129	0.00

(#) = Out of Range

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