

Data File : VX000631.D
Acq On : 01 Apr 2018 08:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Apr 02 08:15:28 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	120	0.00
2 T	Dichlorodifluoromethane	0.551	0.431	21.8#	97	0.00
3 P	Chloromethane	0.581	0.389	33.0#	85	0.00
4 C	Vinyl Chloride	0.613	0.616	-0.5#	123	0.00
5 T	Bromomethane	0.771	0.733	4.9	109	0.00
6 T	Chloroethane	0.461	0.443	3.9	130	0.00
7 T	Trichlorofluoromethane	1.107	1.194	-7.9	133	0.00
8 T	Diethyl Ether	0.396	0.432	-9.1	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.617	0.664	-7.6	136	0.00
10 T	Methyl Iodide	0.548	0.231	57.8#	45#	0.00
11 T	Tert butyl alcohol	0.225	0.244	-8.4	129	0.01
12 CM	1,1-Dichloroethene	0.542	0.621	-14.6#	137	0.00
13 T	Acrolein	0.074	0.123	-66.2#	211#	0.00
14 T	Allyl chloride	1.040	1.002	3.7	121	0.00
15 T	Acrylonitrile	0.455	0.479	-5.3	130	0.00
16 T	Acetone	0.543	0.439	19.2	99	0.00
17 T	Carbon Disulfide	1.583	1.541	2.7	126	0.00
18 T	Methyl Acetate	1.138	1.216	-6.9	130	0.00
19 T	Methyl tert-butyl Ether	2.004	2.240	-11.8	135	0.00
20 T	Methylene Chloride	0.627	0.683	-8.9	137	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.681	-12.6	141	0.00
22 T	Diisopropyl ether	1.694	1.531	9.6	118	0.00
23 T	Vinyl Acetate	1.606	1.350	15.9	97	0.00
24 P	1,1-Dichloroethane	1.065	0.772	27.5#	86	0.00
25 T	2-Butanone	0.610	0.531	13.0	104	0.00
26 T	2,2-Dichloropropane	0.747	0.442	40.8#	68	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.530	6.2	113	0.00
28 T	Bromochloromethane	0.439	0.462	-5.2	115	0.00
29 T	Tetrahydrofuran	0.375	0.360	4.0	112	0.00
30 C	Chloroform	0.998	1.030	-3.2#	117	0.00
31 T	Cyclohexane	0.823	0.804	2.3	117	0.00
32 T	1,1,1-Trichloroethane	0.901	0.900	0.1	116	0.00
33 S	1,2-Dichloroethane-d4	0.653	0.703	-7.7	122	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
35 S	Dibromofluoromethane	0.315	0.315	0.0	118	0.00
36 T	1,1-Dichloropropene	0.468	0.436	6.8	120	0.00
37 T	Ethyl Acetate	0.640	0.567	11.4	111	0.00
38 T	Carbon Tetrachloride	0.491	0.453	7.7	115	0.00
39 T	Methylcyclohexane	0.570	0.518	9.1	116	0.00
40 TM	Benzene	1.360	1.306	4.0	120	0.00
41 T	Methacrylonitrile	0.337	0.299	11.3	116	0.00
42 TM	1,2-Dichloroethane	0.534	0.501	6.2	118	0.00
43 T	Isopropyl Acetate	0.952	0.887	6.8	114	0.00
44 TM	Trichloroethene	0.390	0.372	4.6	125	0.00
45 C	1,2-Dichloropropane	0.348	0.342	1.7#	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.260	4.8	121	0.00
47 T	Bromodichloromethane	0.481	0.475	1.2	118	0.00
48 T	Methyl methacrylate	0.462	0.439	5.0	116	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	131	0.00
50 S	Toluene-d8	1.305	1.409	-8.0	135	0.00
51 T	4-Methyl-2-Pentanone	0.737	0.711	3.5	120	0.00
52 CM	Toluene	0.951	0.983	-3.4#	133	0.00
53 T	t-1,3-Dichloropropene	0.557	0.524	5.9	114	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.519	3.9	115	0.00
55 T	1,1,2-Trichloroethane	0.391	0.402	-2.8	130	0.00
56 T	Ethyl methacrylate	0.593	0.606	-2.2	127	0.00
57 T	1,3-Dichloropropane	0.625	0.632	-1.1	128	0.00
58 T	2-Chloroethyl Vinyl ether	0.284	0.270	4.9	114	0.00
59 T	2-Hexanone	0.626	0.587	6.2	117	0.00
60 T	Dibromochloromethane	0.400	0.438	-9.5	130	0.00
61 T	1,2-Dibromoethane	0.419	0.462	-10.3	137	0.00
62 S	4-Bromofluorobenzene	0.509	0.562	-10.4	137	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	144	0.00
64 T	Tetrachloroethene	0.388	0.358	7.7	141	0.00
65 PM	Chlorobenzene	1.113	1.032	7.3	137	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.355	6.1	131	0.00
67 C	Ethyl Benzene	1.886	1.762	6.6#	134	0.00
68 T	m/p-Xylenes	0.742	0.711	4.2	138	0.00
69 T	o-Xylene	0.719	0.678	5.7	135	0.00
70 T	Styrene	1.189	1.150	3.3	133	0.00
71 P	Bromoform	0.336	0.312	7.1	131	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	146	0.00
73 T	Isopropylbenzene	3.313	3.031	8.5	132	0.00
74 T	N-amyl acetate	1.653	1.272	23.0#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.172	1.057	9.8	129	0.00
76 T	1,2,3-Trichloropropane	1.075	0.922	14.2	124	0.00
77 T	Bromobenzene	0.883	0.808	8.5	141	0.00
78 T	n-propylbenzene	3.950	3.546	10.2	132	0.00
79 T	2-Chlorotoluene	2.282	2.010	11.9	131	0.00
80 T	1,3,5-Trimethylbenzene	2.786	2.560	8.1	129	0.00
81 T	trans-1,4-Dichloro-2-butene	0.332	0.243	26.8#	99	0.00
82 T	4-Chlorotoluene	2.725	2.446	10.2	131	0.00
83 T	tert-Butylbenzene	2.809	2.565	8.7	132	0.00
84 T	1,2,4-Trimethylbenzene	2.920	2.698	7.6	131	0.00
85 T	sec-Butylbenzene	3.476	3.167	8.9	130	0.00
86 T	p-Isopropyltoluene	3.087	2.858	7.4	130	0.00
87 T	1,3-Dichlorobenzene	1.669	1.566	6.2	139	0.00
88 T	1,4-Dichlorobenzene	1.752	1.611	8.0	138	0.00
89 T	n-Butylbenzene	2.874	2.556	11.1	127	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	0.444	8.6	125	0.00
91 T	1,2-Dichlorobenzene	1.636	1.544	5.6	136	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.327	0.282	13.8	123	0.00
93 T	1,2,4-Trichlorobenzene	1.173	1.110	5.4	143	0.00
94 T	Hexachlorobutadiene	0.486	0.409	15.8	124	0.00
95 T	Naphthalene	4.085	3.963	3.0	138	0.00
96 T	1,2,3-Trichlorobenzene	1.159	1.100	5.1	139	0.00

(#) = Out of Range

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