

Data File : VX000608.D
Acq On : 31 Mar 2018 22:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 02 06:01:57 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	104	0.00
2 T	Dichlorodifluoromethane	0.551	0.419	24.0#	82	0.00
3 P	Chloromethane	0.581	0.398	31.5#	76	0.00
4 C	Vinyl Chloride	0.613	0.606	1.1#	105	0.00
5 T	Bromomethane	0.771	0.693	10.1	89	0.00
6 T	Chloroethane	0.461	0.462	-0.2	117	0.00
7 T	Trichlorofluoromethane	1.107	1.215	-9.8	118	0.00
8 T	Diethyl Ether	0.396	0.437	-10.4	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.617	0.668	-8.3	119	0.00
10 T	Methyl Iodide	0.548	0.278	49.3#	47#	0.00
11 T	Tert butyl alcohol	0.225	0.246	-9.3	112	0.01
12 CM	1,1-Dichloroethene	0.542	0.624	-15.1#	119	0.00
13 T	Acrolein	0.074	0.144	-94.6#	214#	0.00
14 T	Allyl chloride	1.040	1.094	-5.2	114	0.00
15 T	Acrylonitrile	0.455	0.507	-11.4	119	0.00
16 T	Acetone	0.543	0.468	13.8	91	0.00
17 T	Carbon Disulfide	1.583	1.627	-2.8	115	0.00
18 T	Methyl Acetate	1.138	1.230	-8.1	114	0.00
19 T	Methyl tert-butyl Ether	2.004	2.294	-14.5	120	0.00
20 T	Methylene Chloride	0.627	0.705	-12.4	122	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.719	-18.8	129	0.00
22 T	Diisopropyl ether	1.694	1.545	8.8	103	0.00
23 T	Vinyl Acetate	1.606	1.449	9.8	90	0.00
24 P	1,1-Dichloroethane	1.065	0.811	23.8#	78	0.00
25 T	2-Butanone	0.610	0.541	11.3	91	0.00
26 T	2,2-Dichloropropane	0.747	0.599	19.8	80	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.535	5.3	99	0.00
28 T	Bromochloromethane	0.439	0.477	-8.7	102	0.00
29 T	Tetrahydrofuran	0.375	0.363	3.2	97	0.00
30 C	Chloroform	0.998	1.038	-4.0#	102	0.00
31 T	Cyclohexane	0.823	0.807	1.9	102	-0.01
32 T	1,1,1-Trichloroethane	0.901	0.908	-0.8	102	0.00
33 S	1,2-Dichloroethane-d4	0.653	0.677	-3.7	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.315	0.339	-7.6	103	0.00
36 T	1,1-Dichloropropene	0.468	0.466	0.4	104	0.00
37 T	Ethyl Acetate	0.640	0.617	3.6	98	0.00
38 T	Carbon Tetrachloride	0.491	0.496	-1.0	102	0.00
39 T	Methylcyclohexane	0.570	0.552	3.2	100	0.00
40 TM	Benzene	1.360	1.410	-3.7	105	0.00
41 T	Methacrylonitrile	0.337	0.324	3.9	102	0.00
42 TM	1,2-Dichloroethane	0.534	0.553	-3.6	105	0.00
43 T	Isopropyl Acetate	0.952	0.959	-0.7	100	0.00
44 TM	Trichloroethene	0.390	0.396	-1.5	108	0.00
45 C	1,2-Dichloropropane	0.348	0.360	-3.4#	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.276	-1.1	104	0.00
47 T	Bromodichloromethane	0.481	0.522	-8.5	105	0.00
48 T	Methyl methacrylate	0.462	0.483	-4.5	103	0.00
49 T	1,4-Dioxane	0.010	0.011	-10.0	109	0.00
50 S	Toluene-d8	1.305	1.450	-11.1	113	0.00
51 T	4-Methyl-2-Pentanone	0.737	0.782	-6.1	107	0.00
52 CM	Toluene	0.951	1.051	-10.5#	115	0.00
53 T	t-1,3-Dichloropropene	0.557	0.580	-4.1	103	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.600	-11.1	108	0.00
55 T	1,1,2-Trichloroethane	0.391	0.418	-6.9	110	0.00
56 T	Ethyl methacrylate	0.593	0.651	-9.8	110	0.00
57 T	1,3-Dichloropropane	0.625	0.682	-9.1	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.284	0.297	-4.6	102	0.00
59 T	2-Hexanone	0.626	0.657	-5.0	106	0.00
60 T	Dibromochloromethane	0.400	0.468	-17.0	113	0.00
61 T	1,2-Dibromoethane	0.419	0.488	-16.5	117	0.00
62 S	4-Bromofluorobenzene	0.509	0.610	-19.8	121	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
64 T	Tetrachloroethene	0.388	0.365	5.9	114	0.00
65 PM	Chlorobenzene	1.113	1.112	0.1	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.384	-1.6	113	0.00
67 C	Ethyl Benzene	1.886	1.919	-1.7#	116	0.00
68 T	m/p-Xylenes	0.742	0.795	-7.1	122	0.00
69 T	o-Xylene	0.719	0.759	-5.6	120	0.00
70 T	Styrene	1.189	1.324	-11.4	122	0.00
71 P	Bromoform	0.336	0.344	-2.4	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
73 T	Isopropylbenzene	3.313	3.144	5.1	120	0.00
74 T	N-amyl acetate	1.653	1.275	22.9#	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.172	1.105	5.7	118	0.00
76 T	1,2,3-Trichloropropane	1.075	0.966	10.1	114	0.00
77 T	Bromobenzene	0.883	0.803	9.1	122	0.00
78 T	n-propylbenzene	3.950	3.732	5.5	122	0.00
79 T	2-Chlorotoluene	2.282	2.101	7.9	120	0.00
80 T	1,3,5-Trimethylbenzene	2.786	2.713	2.6	120	0.00
81 T	trans-1,4-Dichloro-2-butene	0.332	0.296	10.8	106	0.00
82 T	4-Chlorotoluene	2.725	2.615	4.0	122	0.00
83 T	tert-Butylbenzene	2.809	2.675	4.8	121	0.00
84 T	1,2,4-Trimethylbenzene	2.920	2.828	3.2	120	0.00
85 T	sec-Butylbenzene	3.476	3.344	3.8	120	0.00
86 T	p-Isopropyltoluene	3.087	3.040	1.5	121	0.00
87 T	1,3-Dichlorobenzene	1.669	1.622	2.8	126	0.00
88 T	1,4-Dichlorobenzene	1.752	1.698	3.1	127	0.00
89 T	n-Butylbenzene	2.874	2.781	3.2	121	0.00

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

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90 T	Hexachloroethane	0.486	0.464	4.5	114	0.00
91 T	1,2-Dichlorobenzene	1.636	1.622	0.9	125	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.327	0.303	7.3	116	0.00
93 T	1,2,4-Trichlorobenzene	1.173	1.135	3.2	128	0.00
94 T	Hexachlorobutadiene	0.486	0.436	10.3	116	0.00
95 T	Naphthalene	4.085	4.072	0.3	124	0.00
96 T	1,2,3-Trichlorobenzene	1.159	1.124	3.0	124	0.00

(#) = Out of Range

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