

Data File : VX001001.D

Acq On : 20 Apr 2018 11:18

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 21 05:44:33 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 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	109	0.00
2 T	Dichlorodifluoromethane	0.620	0.654	-5.5	106	0.00
3 P	Chloromethane	0.577	0.542	6.1	101	0.00
4 C	Vinyl Chloride	0.598	0.567	5.2#	104	0.00
5 T	Bromomethane	0.370	0.369	0.3	106	0.00
6 T	Chloroethane	0.356	0.329	7.6	103	0.00
7 T	Trichlorofluoromethane	0.899	0.871	3.1	107	0.00
8 T	Diethyl Ether	0.332	0.304	8.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.507	3.8	108	0.00
10 T	Methyl Iodide	0.437	0.504	-15.3	120	0.00
11 T	Tert butyl alcohol	0.096	0.079	17.7	96	-0.02
12 CM	1,1-Dichloroethene	0.487	0.457	6.2#	104	0.00
13 T	Acrolein	0.031	0.029	6.5	119	0.00
14 T	Allyl chloride	0.882	0.835	5.3	105	0.00
15 T	Acrylonitrile	0.259	0.216	16.6	96	0.00
16 T	Acetone	0.239	0.202	15.5	99	0.00
17 T	Carbon Disulfide	1.388	1.331	4.1	108	0.00
18 T	Methyl Acetate	0.722	0.667	7.6	98	0.00
19 T	Methyl tert-butyl Ether	1.638	1.521	7.1	104	0.00
20 T	Methylene Chloride	0.556	0.483	13.1	103	0.00
21 T	trans-1,2-Dichloroethene	0.542	0.499	7.9	106	0.00
22 T	Diisopropyl ether	1.707	1.559	8.7	100	0.00
23 T	Vinyl Acetate	1.413	1.267	10.3	99	0.00
24 P	1,1-Dichloroethane	0.957	0.866	9.5	102	0.00
25 T	2-Butanone	0.373	0.313	16.1	97	0.00
26 T	2,2-Dichloropropane	0.823	0.812	1.3	108	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.566	6.3	105	0.00
28 T	Bromochloromethane	0.368	0.366	0.5	109	0.00
29 T	Tetrahydrofuran	0.235	0.195	17.0	95	-0.01
30 C	Chloroform	0.991	0.936	5.5#	104	0.00
31 T	Cyclohexane	0.894	0.844	5.6	108	0.00
32 T	1,1,1-Trichloroethane	0.889	0.863	2.9	106	0.00
33 S	1,2-Dichloroethane-d4	0.634	0.566	10.7	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.381	0.362	5.0	101	0.00
36 T	1,1-Dichloropropene	0.588	0.556	5.4	105	0.00
37 T	Ethyl Acetate	0.539	0.474	12.1	97	0.00
38 T	Carbon Tetrachloride	0.595	0.595	0.0	107	0.00
39 T	Methylcyclohexane	0.684	0.689	-0.7	110	0.00
40 TM	Benzene	1.634	1.560	4.5	104	0.00
41 T	Methacrylonitrile	0.337	0.290	13.9	99	0.00
42 TM	1,2-Dichloroethane	0.627	0.589	6.1	104	0.00
43 T	Isopropyl Acetate	0.925	0.849	8.2	100	0.00
44 TM	Trichloroethene	0.499	0.484	3.0	107	0.00
45 C	1,2-Dichloropropane	0.411	0.400	2.7#	103	0.00

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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)
46 T	Dibromomethane	0.287	0.274	4.5	104	0.00
47 T	Bromodichloromethane	0.532	0.537	-0.9	106	0.00
48 T	Methyl methacrylate	0.498	0.451	9.4	98	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	106	0.00
50 S	Toluene-d8	1.410	1.321	6.3	101	0.00
51 T	4-Methyl-2-Pentanone	0.561	0.498	11.2	97	0.00
52 CM	Toluene	1.066	1.038	2.6#	105	0.00
53 T	t-1,3-Dichloropropene	0.636	0.659	-3.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.634	-5.7	107	0.00
55 T	1,1,2-Trichloroethane	0.424	0.398	6.1	102	0.00
56 T	Ethyl methacrylate	0.622	0.601	3.4	102	0.00
57 T	1,3-Dichloropropane	0.702	0.662	5.7	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.304	0.294	3.3	102	0.00
59 T	2-Hexanone	0.430	0.385	10.5	98	0.00
60 T	Dibromochloromethane	0.445	0.461	-3.6	105	0.00
61 T	1,2-Dibromoethane	0.447	0.426	4.7	102	0.00
62 S	4-Bromofluorobenzene	0.592	0.556	6.1	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.531	0.514	3.2	107	0.00
65 PM	Chlorobenzene	1.331	1.285	3.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.467	-2.2	105	0.00
67 C	Ethyl Benzene	2.211	2.164	2.1#	106	0.00
68 T	m/p-Xylenes	0.871	0.855	1.8	106	0.00
69 T	o-Xylene	0.840	0.820	2.4	105	0.00
70 T	Styrene	1.384	1.367	1.2	104	0.00
71 P	Bromoform	0.375	0.393	-4.8	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.269	3.168	3.1	106	0.00
74 T	N-amyl acetate	1.398	1.261	9.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.925	0.845	8.6	99	0.00
76 T	1,2,3-Trichloropropane	0.867	0.805	7.2	102	0.00
77 T	Bromobenzene	0.949	0.899	5.3	104	0.00
78 T	n-propylbenzene	3.753	3.674	2.1	108	0.00
79 T	2-Chlorotoluene	2.217	2.127	4.1	106	0.00
80 T	1,3,5-Trimethylbenzene	2.771	2.713	2.1	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.245	0.253	-3.3	106	0.00
82 T	4-Chlorotoluene	2.679	2.574	3.9	107	0.00
83 T	tert-Butylbenzene	2.795	2.778	0.6	107	0.00
84 T	1,2,4-Trimethylbenzene	2.852	2.787	2.3	107	0.00
85 T	sec-Butylbenzene	3.337	3.306	0.9	109	0.00
86 T	p-Isopropyltoluene	3.087	3.083	0.1	109	0.00
87 T	1,3-Dichlorobenzene	1.776	1.696	4.5	106	0.00
88 T	1,4-Dichlorobenzene	1.823	1.732	5.0	107	0.00
89 T	n-Butylbenzene	2.746	2.759	-0.5	111	0.00

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Evaluate Continuing Calibration Report

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.437	0.470	-7.6	111	0.00
91 T	1,2-Dichlorobenzene	1.720	1.629	5.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.194	0.179	7.7	98	0.00
93 T	1,2,4-Trichlorobenzene	1.444	1.394	3.5	108	0.00
94 T	Hexachlorobutadiene	0.653	0.641	1.8	112	0.00
95 T	Naphthalene	3.550	3.328	6.3	101	0.00
96 T	1,2,3-Trichlorobenzene	1.396	1.328	4.9	106	0.00

(#) = Out of Range

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