

Data File : VX001023.D

Acq On : 20 Apr 2018 21:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 23 07:14:36 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	91	0.00
2 T	Dichlorodifluoromethane	0.620	0.660	-6.5	90	0.00
3 P	Chloromethane	0.577	0.542	6.1	85	0.00
4 C	Vinyl Chloride	0.598	0.593	0.8#	91	0.00
5 T	Bromomethane	0.370	0.384	-3.8	92	0.00
6 T	Chloroethane	0.356	0.353	0.8	93	0.00
7 T	Trichlorofluoromethane	0.899	0.902	-0.3	93	0.00
8 T	Diethyl Ether	0.332	0.327	1.5	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.514	2.5	92	0.00
10 T	Methyl Iodide	0.437	0.449	-2.7	90	0.00
11 T	Tert butyl alcohol	0.096	0.096	0.0	98	0.00
12 CM	1,1-Dichloroethene	0.487	0.479	1.6#	92	0.00
13 T	Acrolein	0.031	0.040	-29.0#	136	0.00
14 T	Allyl chloride	0.882	0.879	0.3	93	0.00
15 T	Acrylonitrile	0.259	0.252	2.7	94	0.00
16 T	Acetone	0.239	0.229	4.2	94	0.00
17 T	Carbon Disulfide	1.388	1.286	7.3	88	0.00
18 T	Methyl Acetate	0.722	0.784	-8.6	97	0.00
19 T	Methyl tert-butyl Ether	1.638	1.648	-0.6	95	0.00
20 T	Methylene Chloride	0.556	0.527	5.2	95	0.00
21 T	trans-1,2-Dichloroethene	0.542	0.520	4.1	93	0.00
22 T	Diisopropyl ether	1.707	1.750	-2.5	94	0.00
23 T	Vinyl Acetate	1.413	1.402	0.8	92	0.00
24 P	1,1-Dichloroethane	0.957	0.949	0.8	94	0.00
25 T	2-Butanone	0.373	0.363	2.7	94	0.00
26 T	2,2-Dichloropropane	0.823	0.758	7.9	85	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.599	0.8	93	0.00
28 T	Bromochloromethane	0.368	0.375	-1.9	94	0.00
29 T	Tetrahydrofuran	0.235	0.231	1.7	94	0.00
30 C	Chloroform	0.991	1.007	-1.6#	94	0.00
31 T	Cyclohexane	0.894	0.862	3.6	92	0.00
32 T	1,1,1-Trichloroethane	0.889	0.908	-2.1	93	0.00
33 S	1,2-Dichloroethane-d4	0.634	0.603	4.9	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.381	0.367	3.7	89	0.00
36 T	1,1-Dichloropropene	0.588	0.565	3.9	93	0.00
37 T	Ethyl Acetate	0.539	0.523	3.0	93	0.00
38 T	Carbon Tetrachloride	0.595	0.592	0.5	93	0.00
39 T	Methylcyclohexane	0.684	0.653	4.5	91	0.00
40 TM	Benzene	1.634	1.607	1.7	93	0.00
41 T	Methacrylonitrile	0.337	0.323	4.2	96	0.00
42 TM	1,2-Dichloroethane	0.627	0.621	1.0	95	0.00
43 T	Isopropyl Acetate	0.925	0.915	1.1	94	0.00
44 TM	Trichloroethene	0.499	0.489	2.0	94	0.00
45 C	1,2-Dichloropropane	0.411	0.416	-1.2#	94	0.00

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Quant Title : SW846 8260

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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)
46 T	Dibromomethane	0.287	0.283	1.4	94	0.00
47 T	Bromodichloromethane	0.532	0.545	-2.4	93	0.00
48 T	Methyl methacrylate	0.498	0.496	0.4	94	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	102	0.00
50 S	Toluene-d8	1.410	1.324	6.1	88	0.00
51 T	4-Methyl-2-Pentanone	0.561	0.565	-0.7	95	0.00
52 CM	Toluene	1.066	1.067	-0.1#	94	0.00
53 T	t-1,3-Dichloropropene	0.636	0.654	-2.8	92	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.623	-3.8	91	0.00
55 T	1,1,2-Trichloroethane	0.424	0.420	0.9	94	0.00
56 T	Ethyl methacrylate	0.622	0.632	-1.6	93	0.00
57 T	1,3-Dichloropropane	0.702	0.691	1.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.304	0.338	-11.2	102	0.00
59 T	2-Hexanone	0.430	0.425	1.2	94	0.00
60 T	Dibromochloromethane	0.445	0.470	-5.6	93	0.00
61 T	1,2-Dibromoethane	0.447	0.454	-1.6	94	0.00
62 S	4-Bromofluorobenzene	0.592	0.550	7.1	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.531	0.524	1.3	95	0.00
65 PM	Chlorobenzene	1.331	1.303	2.1	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.467	-2.2	92	0.00
67 C	Ethyl Benzene	2.211	2.180	1.4#	94	0.00
68 T	m/p-Xylenes	0.871	0.859	1.4	93	0.00
69 T	o-Xylene	0.840	0.834	0.7	94	0.00
70 T	Styrene	1.384	1.402	-1.3	94	0.00
71 P	Bromoform	0.375	0.392	-4.5	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.269	3.202	2.0	94	0.00
74 T	N-amyl acetate	1.398	1.355	3.1	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.925	0.923	0.2	94	0.00
76 T	1,2,3-Trichloropropane	0.867	0.856	1.3	94	0.00
77 T	Bromobenzene	0.949	0.926	2.4	94	0.00
78 T	n-propylbenzene	3.753	3.651	2.7	94	0.00
79 T	2-Chlorotoluene	2.217	2.162	2.5	94	0.00
80 T	1,3,5-Trimethylbenzene	2.771	2.741	1.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.245	0.237	3.3	86	0.00
82 T	4-Chlorotoluene	2.679	2.599	3.0	94	0.00
83 T	tert-Butylbenzene	2.795	2.760	1.3	93	0.00
84 T	1,2,4-Trimethylbenzene	2.852	2.809	1.5	94	0.00
85 T	sec-Butylbenzene	3.337	3.259	2.3	94	0.00
86 T	p-Isopropyltoluene	3.087	3.006	2.6	93	0.00
87 T	1,3-Dichlorobenzene	1.776	1.711	3.7	94	0.00
88 T	1,4-Dichlorobenzene	1.823	1.741	4.5	94	0.00
89 T	n-Butylbenzene	2.746	2.615	4.8	92	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	0.451	-3.2	93	0.00
91 T	1,2-Dichlorobenzene	1.720	1.689	1.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.194	0.197	-1.5	94	0.00
93 T	1,2,4-Trichlorobenzene	1.444	1.360	5.8	92	0.00
94 T	Hexachlorobutadiene	0.653	0.574	12.1	88	0.00
95 T	Naphthalene	3.550	3.539	0.3	94	0.00
96 T	1,2,3-Trichlorobenzene	1.396	1.325	5.1	92	0.00

(#) = Out of Range

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