

Data File : VX000189.D

Acq On : 02 Mar 2018 09:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 03 05:15:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 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	89	0.00
2 T	Dichlorodifluoromethane	0.515	0.393	23.7#	70	0.00
3 P	Chloromethane	0.505	0.381	24.6#	71	0.00
4 C	Vinyl Chloride	0.563	0.484	14.0#	77	0.00
5 T	Bromomethane	0.520	0.590	-13.5	114	0.00
6 T	Chloroethane	0.378	0.342	9.5	88	0.00
7 T	Trichlorofluoromethane	1.006	0.922	8.3	85	0.00
8 T	Diethyl Ether	0.347	0.337	2.9	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.562	0.535	4.8	90	0.00
10 T	Methyl Iodide	0.616	0.447	27.4#	62	0.00
11 T	Tert butyl alcohol	0.241	0.257	-6.6	100	0.00
12 CM	1,1-Dichloroethene	0.524	0.450	14.1#	80	0.00
13 T	Acrolein	0.115	0.093	19.1	77	0.00
14 T	Allyl chloride	0.877	0.881	-0.5	91	0.00
15 T	Acrylonitrile	0.411	0.440	-7.1	100	0.00
16 T	Acetone	0.405	0.549	-35.6#	130	0.00
17 T	Carbon Disulfide	1.542	0.913	40.8#	58	0.00
18 T	Methyl Acetate	0.950	1.185	-24.7#	118	0.00
19 T	Methyl tert-butyl Ether	1.797	1.846	-2.7	94	0.00
20 T	Methylene Chloride	0.584	0.522	10.6	87	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.488	14.1	80	0.00
22 T	Diisopropyl ether	1.532	1.766	-15.3	109	0.00
23 T	Vinyl Acetate	1.423	1.645	-15.6	109	0.00
24 P	1,1-Dichloroethane	0.907	0.947	-4.4	110	0.00
25 T	2-Butanone	0.565	0.638	-12.9	107	0.00
26 T	2,2-Dichloropropane	0.789	0.745	5.6	87	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.517	4.4	88	0.00
28 T	Bromochloromethane	0.407	0.468	-15.0	107	0.00
29 T	Tetrahydrofuran	0.368	0.390	-6.0	99	0.00
30 C	Chloroform	0.955	0.963	-0.8#	93	0.00
31 T	Cyclohexane	0.780	0.679	12.9	83	0.00
32 T	1,1,1-Trichloroethane	0.879	0.862	1.9	89	0.00
33 S	1,2-Dichloroethane-d4	0.624	0.666	-6.7	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.316	0.332	-5.1	92	0.00
36 T	1,1-Dichloropropene	0.449	0.423	5.8	86	0.00
37 T	Ethyl Acetate	0.617	0.640	-3.7	98	0.00
38 T	Carbon Tetrachloride	0.485	0.457	5.8	83	0.00
39 T	Methylcyclohexane	0.540	0.496	8.1	84	0.00
40 TM	Benzene	1.282	1.246	2.8	88	0.00
41 T	Methacrylonitrile	0.322	0.333	-3.4	99	0.00
42 TM	1,2-Dichloroethane	0.470	0.510	-8.5	98	0.00
43 T	Isopropyl Acetate	0.889	0.986	-10.9	101	0.00
44 TM	Trichloroethene	0.378	0.354	6.3	85	0.00
45 C	1,2-Dichloropropane	0.314	0.339	-8.0#	96	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	0.245	0.250	-2.0	90	0.00
47 T	Bromodichloromethane	0.453	0.499	-10.2	96	0.00
48 T	Methyl methacrylate	0.436	0.471	-8.0	98	0.00
49 T	1,4-Dioxane	0.011	0.011	0.0	89	0.00
50 S	Toluene-d8	1.245	1.333	-7.1	96	0.00
51 T	4-Methyl-2-Pentanone	0.650	0.791	-21.7#	109	0.00
52 CM	Toluene	0.856	0.878	-2.6#	90	0.00
53 T	t-1,3-Dichloropropene	0.533	0.562	-5.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.529	0.576	-8.9	93	0.00
55 T	1,1,2-Trichloroethane	0.354	0.391	-10.5	98	0.00
56 T	Ethyl methacrylate	0.544	0.614	-12.9	97	0.00
57 T	1,3-Dichloropropane	0.563	0.626	-11.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.275	0.289	-5.1	94	0.00
59 T	2-Hexanone	0.550	0.690	-25.5#	112	0.00
60 T	Dibromochloromethane	0.401	0.419	-4.5	88	0.00
61 T	1,2-Dibromoethane	0.393	0.424	-7.9	95	0.00
62 S	4-Bromofluorobenzene	0.488	0.555	-13.7	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.364	0.335	8.0	84	0.00
65 PM	Chlorobenzene	1.056	1.046	0.9	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.375	-1.6	90	0.00
67 C	Ethyl Benzene	1.772	1.789	-1.0#	95	0.00
68 T	m/p-Xylenes	0.702	0.709	-1.0	94	0.00
69 T	o-Xylene	0.677	0.691	-2.1	94	0.00
70 T	Styrene	1.107	1.171	-5.8	95	0.00
71 P	Bromoform	0.335	0.332	0.9	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.169	3.109	1.9	98	0.00
74 T	N-amyl acetate	1.601	1.551	3.1	101	0.00
75 P	1,1,2,2-Tetrachloroethane	1.104	1.155	-4.6	106	0.00
76 T	1,2,3-Trichloropropane	1.036	1.068	-3.1	108	0.00
77 T	Bromobenzene	0.859	0.781	9.1	90	0.00
78 T	n-propylbenzene	3.736	3.734	0.1	101	0.00
79 T	2-Chlorotoluene	2.138	2.108	1.4	99	0.00
80 T	1,3,5-Trimethylbenzene	2.679	2.678	0.0	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.364	0.354	2.7	92	0.00
82 T	4-Chlorotoluene	2.586	2.604	-0.7	102	0.00
83 T	tert-Butylbenzene	2.705	2.669	1.3	100	0.00
84 T	1,2,4-Trimethylbenzene	2.782	2.785	-0.1	100	0.00
85 T	sec-Butylbenzene	3.360	3.385	-0.7	102	0.00
86 T	p-Isopropyltoluene	3.002	3.027	-0.8	100	0.00
87 T	1,3-Dichlorobenzene	1.648	1.570	4.7	96	0.00
88 T	1,4-Dichlorobenzene	1.702	1.655	2.8	98	0.00
89 T	n-Butylbenzene	2.831	2.937	-3.7	107	0.00

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
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	0.489	0.495	-1.2	96	0.00
91 T	1,2-Dichlorobenzene	1.622	1.573	3.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.306	0.342	-11.8	107	0.00
93 T	1,2,4-Trichlorobenzene	1.217	1.131	7.1	94	0.00
94 T	Hexachlorobutadiene	0.531	0.470	11.5	88	0.00
95 T	Naphthalene	4.125	4.129	-0.1	98	0.00
96 T	1,2,3-Trichlorobenzene	1.201	1.137	5.3	94	0.00

(#) = Out of Range

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