

Data File : VX003545.D
Acq On : 21 Jul 2018 10:19
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 23 01:45:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 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	102	0.00
2 T	Dichlorodifluoromethane	0.458	0.465	-1.5	122	0.00
3 P	Chloromethane	0.566	0.591	-4.4	123	0.00
4 C	Vinyl Chloride	0.635	0.678	-6.8#	108	0.00
5 T	Bromomethane	0.358	0.366	-2.2	152#	0.00
6 T	Chloroethane	0.376	0.428	-13.8	121	0.00
7 T	Trichlorofluoromethane	0.847	0.930	-9.8	120	0.00
8 T	Diethyl Ether	0.364	0.382	-4.9	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.602	-8.5	121	0.00
10 T	Methyl Iodide	0.666	0.781	-17.3	122	0.00
11 T	Tert butyl alcohol	0.117	0.117	0.0	102	-0.01
12 CM	1,1-Dichloroethene	0.511	0.551	-7.8#	117	0.00
13 T	Acrolein	0.053	0.049	7.5	96	0.00
14 T	Allyl chloride	0.904	1.041	-15.2	123	0.00
15 T	Acrylonitrile	0.298	0.317	-6.4	115	0.00
16 T	Acetone	0.224	0.311	-38.8#	151#	0.00
17 T	Carbon Disulfide	1.516	1.521	-0.3	115	0.00
18 T	Methyl Acetate	0.705	0.777	-10.2	118	0.00
19 T	Methyl tert-butyl Ether	1.668	1.860	-11.5	118	-0.01
20 T	Methylene Chloride	0.629	0.629	0.0	117	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.609	-7.2	119	0.00
22 T	Diisopropyl ether	1.701	1.945	-14.3	123	0.00
23 T	Vinyl Acetate	1.401	1.604	-14.5	122	0.00
24 P	1,1-Dichloroethane	0.998	1.104	-10.6	119	0.00
25 T	2-Butanone	0.375	0.434	-15.7	124	-0.01
26 T	2,2-Dichloropropane	0.758	0.887	-17.0	124	0.00
27 T	cis-1,2-Dichloroethene	0.633	0.672	-6.2	115	0.00
28 T	Bromochloromethane	0.436	0.459	-5.3	112	0.00
29 T	Tetrahydrofuran	0.248	0.251	-1.2	108	-0.01
30 C	Chloroform	0.975	1.074	-10.2#	118	0.00
31 T	Cyclohexane	0.892	0.962	-7.8	115	0.00
32 T	1,1,1-Trichloroethane	0.835	0.927	-11.0	119	0.00
33 S	1,2-Dichloroethane-d4	0.592	0.598	-1.0	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.381	0.433	-13.6	109	-0.01
36 T	1,1-Dichloropropene	0.540	0.650	-20.4#	116	0.00
37 T	Ethyl Acetate	0.511	0.601	-17.6	113	0.00
38 T	Carbon Tetrachloride	0.530	0.658	-24.2#	116	0.00
39 T	Methylcyclohexane	0.639	0.708	-10.8	107	0.00
40 TM	Benzene	1.630	1.872	-14.8	112	0.00
41 T	Methacrylonitrile	0.300	0.351	-17.0	117	-0.01
42 TM	1,2-Dichloroethane	0.514	0.622	-21.0#	119	-0.01
43 T	Isopropyl Acetate	0.813	0.873	-7.4	102	0.00
44 TM	Trichloroethene	0.486	0.520	-7.0	105	0.00
45 C	1,2-Dichloropropane	0.414	0.453	-9.4#	105	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.266	0.290	-9.0	104	0.00
47 T	Bromodichloromethane	0.488	0.561	-15.0	108	0.00
48 T	Methyl methacrylate	0.410	0.454	-10.7	104	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	88	0.00
50 S	Toluene-d8	1.431	1.519	-6.1	100	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.562	-9.6	102	0.00
52 CM	Toluene	1.026	1.127	-9.8#	105	0.00
53 T	t-1,3-Dichloropropene	0.600	0.702	-17.0	107	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.635	-17.6	107	0.00
55 T	1,1,2-Trichloroethane	0.408	0.445	-9.1	103	0.00
56 T	Ethyl methacrylate	0.575	0.650	-13.0	102	0.00
57 T	1,3-Dichloropropane	0.660	0.723	-9.5	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.280	0.340	-21.4#	113	0.00
59 T	2-Hexanone	0.380	0.453	-19.2	108	0.00
60 T	Dibromochloromethane	0.404	0.461	-14.1	104	0.00
61 T	1,2-Dibromoethane	0.423	0.460	-8.7	102	0.00
62 S	4-Bromofluorobenzene	0.522	0.553	-5.9	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.609	0.644	-5.7	105	0.00
65 PM	Chlorobenzene	1.288	1.343	-4.3	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.443	0.481	-8.6	106	0.00
67 C	Ethyl Benzene	2.071	2.273	-9.8#	108	0.00
68 T	m/p-Xylenes	0.812	0.889	-9.5	106	0.00
69 T	o-Xylene	0.785	0.853	-8.7	105	0.00
70 T	Styrene	1.292	1.441	-11.5	105	0.00
71 P	Bromoform	0.344	0.378	-9.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.458	3.653	-5.6	104	0.00
74 T	N-amyl acetate	1.468	1.466	0.1	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.013	1.007	0.6	101	0.00
76 T	1,2,3-Trichloropropane	0.898	0.942	-4.9	106	0.00
77 T	Bromobenzene	0.995	1.007	-1.2	103	0.00
78 T	n-propylbenzene	3.844	4.163	-8.3	106	0.00
79 T	2-Chlorotoluene	2.333	2.460	-5.4	107	0.00
80 T	1,3,5-Trimethylbenzene	2.842	3.107	-9.3	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.281	0.316	-12.5	104	0.00
82 T	4-Chlorotoluene	2.734	2.909	-6.4	108	0.00
83 T	tert-Butylbenzene	2.783	2.950	-6.0	105	0.00
84 T	1,2,4-Trimethylbenzene	2.892	3.187	-10.2	107	0.00
85 T	sec-Butylbenzene	3.380	3.668	-8.5	107	0.00
86 T	p-Isopropyltoluene	3.034	3.335	-9.9	107	0.00
87 T	1,3-Dichlorobenzene	1.828	1.849	-1.1	105	0.00
88 T	1,4-Dichlorobenzene	1.883	1.881	0.1	106	0.00
89 T	n-Butylbenzene	2.576	2.907	-12.8	111	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072118\
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	0.431	0.458	-6.3	108	0.00
91 T	1,2-Dichlorobenzene	1.802	1.839	-2.1	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.197	0.197	0.0	98	0.00
93 T	1,2,4-Trichlorobenzene	1.321	1.359	-2.9	105	0.00
94 T	Hexachlorobutadiene	0.635	0.667	-5.0	107	0.00
95 T	Naphthalene	3.470	3.642	-5.0	100	0.00
96 T	1,2,3-Trichlorobenzene	1.307	1.339	-2.4	103	0.00

(#) = Out of Range

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