

Data File : VX003567.D
Acq On : 21 Jul 2018 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 23 03:44:12 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	84	0.00
2 T	Dichlorodifluoromethane	0.458	0.419	8.5	91	0.00
3 P	Chloromethane	0.566	0.544	3.9	94	0.00
4 C	Vinyl Chloride	0.635	0.628	1.1#	83	0.00
5 T	Bromomethane	0.358	0.269	24.9#	93	0.00
6 T	Chloroethane	0.376	0.388	-3.2	91	0.00
7 T	Trichlorofluoromethane	0.847	0.854	-0.8	92	0.00
8 T	Diethyl Ether	0.364	0.356	2.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.528	4.9	88	0.00
10 T	Methyl Iodide	0.666	0.712	-6.9	92	0.00
11 T	Tert butyl alcohol	0.117	0.124	-6.0	90	0.00
12 CM	1,1-Dichloroethene	0.511	0.502	1.8#	89	0.00
13 T	Acrolein	0.053	0.043	18.9	69	0.00
14 T	Allyl chloride	0.904	0.917	-1.4	90	0.00
15 T	Acrylonitrile	0.298	0.315	-5.7	95	0.00
16 T	Acetone	0.224	0.246	-9.8	100	0.00
17 T	Carbon Disulfide	1.516	1.378	9.1	87	0.00
18 T	Methyl Acetate	0.705	0.770	-9.2	97	0.00
19 T	Methyl tert-butyl Ether	1.668	1.761	-5.6	93	0.00
20 T	Methylene Chloride	0.629	0.603	4.1	93	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.562	1.1	91	0.00
22 T	Diisopropyl ether	1.701	1.898	-11.6	100	0.00
23 T	Vinyl Acetate	1.401	1.517	-8.3	96	0.00
24 P	1,1-Dichloroethane	0.998	1.092	-9.4	97	0.00
25 T	2-Butanone	0.375	0.427	-13.9	101	0.00
26 T	2,2-Dichloropropane	0.758	0.703	7.3	82	0.00
27 T	cis-1,2-Dichloroethene	0.633	0.668	-5.5	95	0.00
28 T	Bromochloromethane	0.436	0.489	-12.2	99	0.00
29 T	Tetrahydrofuran	0.248	0.280	-12.9	100	0.00
30 C	Chloroform	0.975	1.115	-14.4#	102	0.00
31 T	Cyclohexane	0.892	0.906	-1.6	90	0.01
32 T	1,1,1-Trichloroethane	0.835	0.907	-8.6	97	0.00
33 S	1,2-Dichloroethane-d4	0.592	0.646	-9.1	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.381	0.395	-3.7	95	0.00
36 T	1,1-Dichloropropene	0.540	0.535	0.9	90	0.00
37 T	Ethyl Acetate	0.511	0.566	-10.8	101	0.00
38 T	Carbon Tetrachloride	0.530	0.546	-3.0	92	0.00
39 T	Methylcyclohexane	0.639	0.642	-0.5	93	0.00
40 TM	Benzene	1.630	1.636	-0.4	93	0.00
41 T	Methacrylonitrile	0.300	0.325	-8.3	103	0.00
42 TM	1,2-Dichloroethane	0.514	0.550	-7.0	100	0.00
43 T	Isopropyl Acetate	0.813	0.859	-5.7	96	0.00
44 TM	Trichloroethene	0.486	0.472	2.9	90	0.00
45 C	1,2-Dichloropropane	0.414	0.431	-4.1#	95	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	0.279	-4.9	95	0.00
47 T	Bromodichloromethane	0.488	0.530	-8.6	97	0.00
48 T	Methyl methacrylate	0.410	0.456	-11.2	99	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	87	0.00
50 S	Toluene-d8	1.431	1.481	-3.5	93	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.575	-12.1	99	0.00
52 CM	Toluene	1.026	1.043	-1.7#	92	0.00
53 T	t-1,3-Dichloropropene	0.600	0.628	-4.7	91	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.571	-5.7	92	0.00
55 T	1,1,2-Trichloroethane	0.408	0.424	-3.9	94	0.00
56 T	Ethyl methacrylate	0.575	0.627	-9.0	93	0.00
57 T	1,3-Dichloropropane	0.660	0.699	-5.9	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.280	0.291	-3.9	92	0.00
59 T	2-Hexanone	0.380	0.426	-12.1	97	0.00
60 T	Dibromochloromethane	0.404	0.439	-8.7	94	0.00
61 T	1,2-Dibromoethane	0.423	0.442	-4.5	94	0.00
62 S	4-Bromofluorobenzene	0.522	0.545	-4.4	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.609	0.602	1.1	91	0.00
65 PM	Chlorobenzene	1.288	1.273	1.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.443	0.460	-3.8	94	0.00
67 C	Ethyl Benzene	2.071	2.124	-2.6#	93	0.00
68 T	m/p-Xylenes	0.812	0.834	-2.7	92	0.00
69 T	o-Xylene	0.785	0.804	-2.4	91	0.00
70 T	Styrene	1.292	1.369	-6.0	92	0.00
71 P	Bromoform	0.344	0.365	-6.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.458	3.526	-2.0	93	0.00
74 T	N-amyl acetate	1.468	1.492	-1.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.013	1.047	-3.4	97	0.00
76 T	1,2,3-Trichloropropane	0.898	0.932	-3.8	96	0.00
77 T	Bromobenzene	0.995	0.967	2.8	91	0.00
78 T	n-propylbenzene	3.844	3.981	-3.6	93	0.00
79 T	2-Chlorotoluene	2.333	2.356	-1.0	94	0.00
80 T	1,3,5-Trimethylbenzene	2.842	2.935	-3.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.281	0.285	-1.4	86	0.00
82 T	4-Chlorotoluene	2.734	2.759	-0.9	94	0.00
83 T	tert-Butylbenzene	2.783	2.797	-0.5	91	0.00
84 T	1,2,4-Trimethylbenzene	2.892	2.995	-3.6	92	0.00
85 T	sec-Butylbenzene	3.380	3.459	-2.3	93	0.00
86 T	p-Isopropyltoluene	3.034	3.126	-3.0	92	0.00
87 T	1,3-Dichlorobenzene	1.828	1.749	4.3	92	0.00
88 T	1,4-Dichlorobenzene	1.883	1.767	6.2	92	0.00
89 T	n-Butylbenzene	2.576	2.517	2.3	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072118\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.431	0.427	0.9	93	0.00
91 T	1,2-Dichlorobenzene	1.802	1.743	3.3	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.197	0.208	-5.6	95	0.00
93 T	1,2,4-Trichlorobenzene	1.321	1.229	7.0	87	0.00
94 T	Hexachlorobutadiene	0.635	0.582	8.3	86	0.00
95 T	Naphthalene	3.470	3.582	-3.2	91	0.00
96 T	1,2,3-Trichlorobenzene	1.307	1.263	3.4	90	0.00

(#) = Out of Range

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