

Data File : VY000830.D
Acq On : 27 Nov 2019 19:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 28 23:38:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	50.000	49.355	1.3	91	0.00
3 P	Chloromethane	50.000	51.650	-3.3	95	0.00
4 C	Vinyl Chloride	50.000	51.701	-3.4#	94	0.00
5 T	Bromomethane	50.000	53.831	-7.7	97	0.00
6 T	Chloroethane	50.000	52.672	-5.3	93	0.00
7 T	Trichlorofluoromethane	50.000	50.418	-0.8	92	0.00
8 T	Diethyl Ether	50.000	54.064	-8.1	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.884	-1.8	92	0.00
10 T	Methyl Iodide	50.000	51.970	-3.9	91	0.00
11 T	Tert butyl alcohol	250.000	279.092	-11.6	95	0.00
12 CM	1,1-Dichloroethene	50.000	52.876	-5.8#	97	0.00
13 T	Acrolein	250.000	211.847	15.3	80	0.00
14 T	Allyl chloride	50.000	54.209	-8.4	95	0.00
15 T	Acrylonitrile	250.000	278.249	-11.3	97	0.00
16 T	Acetone	250.000	276.963	-10.8	100	0.00
17 T	Carbon Disulfide	50.000	51.206	-2.4	92	0.00
18 T	Methyl Acetate	50.000	54.109	-8.2	98	0.00
19 T	Methyl tert-butyl Ether	50.000	56.129	-12.3	96	0.00
20 T	Methylene Chloride	50.000	50.624	-1.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.594	-3.2	93	0.00
22 T	Diisopropyl ether	50.000	56.134	-12.3	98	0.00
23 T	Vinyl Acetate	250.000	286.841	-14.7	96	0.00
24 P	1,1-Dichloroethane	50.000	53.635	-7.3	95	0.00
25 T	2-Butanone	250.000	284.361	-13.7	93	0.00
26 T	2,2-Dichloropropane	50.000	51.090	-2.2	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.431	-6.9	95	0.00
28 T	Bromochloromethane	50.000	59.253	-18.5	105	0.00
29 T	Tetrahydrofuran	250.000	289.939	-16.0	98	0.00
30 C	Chloroform	50.000	52.391	-4.8#	97	0.00
31 T	Cyclohexane	50.000	50.171	-0.3	92	0.00
32 T	1,1,1-Trichloroethane	50.000	52.837	-5.7	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.205	-10.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	52.175	-4.3	102	0.00
36 T	1,1-Dichloropropene	50.000	50.119	-0.2	94	0.00
37 T	Ethyl Acetate	50.000	54.938	-9.9	97	0.00
38 T	Carbon Tetrachloride	50.000	51.236	-2.5	94	0.00
39 T	Methylcyclohexane	50.000	49.700	0.6	92	0.00
40 TM	Benzene	50.000	51.803	-3.6	95	0.00
41 T	Methacrylonitrile	50.000	57.607	-15.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	53.525	-7.0	97	0.00
43 T	Isopropyl Acetate	50.000	54.495	-9.0	95	0.00
44 TM	Trichloroethene	50.000	51.842	-3.7	95	0.00
45 C	1,2-Dichloropropane	50.000	52.571	-5.1#	94	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.899	-5.8	94	0.00
47 T	Bromodichloromethane	50.000	53.026	-6.1	94	0.00
48 T	Methyl methacrylate	50.000	54.703	-9.4	92	0.00
49 T	1,4-Dioxane	1000.000	1050.580	-5.1	88	0.00
50 S	Toluene-d8	50.000	54.014	-8.0	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.822	-12.7	97	0.00
52 CM	Toluene	50.000	51.472	-2.9#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	54.601	-9.2	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.415	-6.8	96	0.00
55 T	1,1,2-Trichloroethane	50.000	53.601	-7.2	96	0.00
56 T	Ethyl methacrylate	50.000	56.745	-13.5	96	0.00
57 T	1,3-Dichloropropane	50.000	54.640	-9.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.673	-2.3	97	0.00
59 T	2-Hexanone	250.000	276.603	-10.6	89	0.00
60 T	Dibromochloromethane	50.000	54.655	-9.3	96	0.00
61 T	1,2-Dibromoethane	50.000	54.623	-9.2	95	0.00
62 S	4-Bromofluorobenzene	50.000	50.488	-1.0	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	50.978	-2.0	96	0.00
65 PM	Chlorobenzene	50.000	52.034	-4.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.170	-6.3	96	0.00
67 C	Ethyl Benzene	50.000	51.839	-3.7#	95	0.00
68 T	m/p-Xylenes	100.000	104.553	-4.6	96	0.00
69 T	o-Xylene	50.000	52.284	-4.6	95	0.00
70 T	Styrene	50.000	53.745	-7.5	96	0.00
71 P	Bromoform	50.000	54.695	-9.4	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	50.739	-1.5	95	0.00
74 T	N-amyl acetate	50.000	54.616	-9.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.224	-6.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.573	-3.1	95	0.00
77 T	Bromobenzene	50.000	51.394	-2.8	95	0.00
78 T	n-propylbenzene	50.000	50.988	-2.0	95	0.00
79 T	2-Chlorotoluene	50.000	50.320	-0.6	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.206	-2.4	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.766	-7.5	91	0.00
82 T	4-Chlorotoluene	50.000	51.093	-2.2	97	0.00
83 T	tert-Butylbenzene	50.000	51.481	-3.0	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.510	-3.0	96	0.00
85 T	sec-Butylbenzene	50.000	51.345	-2.7	96	0.00
86 T	p-Isopropyltoluene	50.000	51.280	-2.6	95	0.00
87 T	1,3-Dichlorobenzene	50.000	50.876	-1.8	96	0.00
88 T	1,4-Dichlorobenzene	50.000	51.950	-3.9	96	0.00
89 T	n-Butylbenzene	50.000	51.138	-2.3	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy112719\
Evaluate Continuing Calibration Report

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.041	-6.1	96	0.00
91 T	1,2-Dichlorobenzene	50.000	52.810	-5.6	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.226	-8.5	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.412	-4.8	97	0.00
94 T	Hexachlorobutadiene	50.000	51.239	-2.5	98	0.00
95 T	Naphthalene	50.000	54.334	-8.7	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.198	-6.4	100	0.00

(#) = Out of Range

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