Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
Data File : VY015937.D
Acq On : 11 Oct 2023 20:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 12 02:02:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	50.000	48.406	3.2	88	0.00
3	P	Chloromethane	50.000	55.453	-10.9	94	0.00
4	C	Vinyl Chloride	50.000	54.207	-8.4#	91	0.00
5	T	Bromomethane	50.000	54.437	-8.9	95	0.00
6	T	Chloroethane	50.000	51.407	-2.8	89	0.00
7	T	Trichlorofluoromethane	50.000	52.170	-4.3	94	0.00
8	T	Diethyl Ether	50.000	58.619	-17.2	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.931	-1.9	91	0.00
10	T	Methyl Iodide	50.000	42.061	15.9	76	0.00
11	T	Tert butyl alcohol	250.000	324.529	-29.8#	136	0.06
12	CM	1,1-Dichloroethene	50.000	54.745	-9.5#	95	0.00
13	T	Acrolein	250.000	336.873	-34.7#	124	0.01
14	T	Allyl chloride	50.000	56.039	-12.1	97	0.00
15	T	Acrylonitrile	250.000	387.028	-54.8#	140	0.02
16	T	Acetone	250.000	262.180	-4.9	111	0.02
17	T	Carbon Disulfide	50.000	49.163	1.7	86	0.00
18	T	Methyl Acetate	50.000	84.950	-69.9#	144	0.01
19	T	Methyl tert-butyl Ether	50.000	61.171	-22.3	110	0.00
20	T	Methylene Chloride	50.000	64.421	-28.8#	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.297	-8.6	93	0.00
22	T	Diisopropyl ether	50.000	55.215	-10.4	99	0.00
23	T	Vinyl Acetate	250.000	310.005	-24.0	110	0.00
24	P	1,1-Dichloroethane	50.000	52.587	-5.2	95	0.00
25	T	2-Butanone	250.000	362.385	-45.0#	137	0.01
26	T	2,2-Dichloropropane	50.000	45.931	8.1	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.324	-8.6	97	0.00
28	T	Bromochloromethane	50.000	58.829	-17.7	115	0.00
29	T	Tetrahydrofuran	250.000	445.297	-78.1#	157	0.00
30	C	Chloroform	50.000	53.564	-7.1#	98	0.00
31	T	Cyclohexane	50.000	47.914	4.2	90	0.00
32	T	1,1,1-Trichloroethane	50.000	52.795	-5.6	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.324	-10.6	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	49.858	0.3	99	0.00
36	T	1,1-Dichloropropene	50.000	52.075	-4.2	92	0.00
37	T	Ethyl Acetate	50.000	90.211	-80.4#	163	0.00
38	T	Carbon Tetrachloride	50.000	51.417	-2.8	94	0.00
39	T	Methylcyclohexane	50.000	51.428	-2.9	90	0.00
40	TM	Benzene	50.000	53.697	-7.4	96	0.00
41	T	Methacrylonitrile	50.000	55.296	-10.6	101	-0.01
42	TM	1,2-Dichloroethane	50.000	59.223	-18.4	107	0.00
43	T	Isopropyl Acetate	50.000	73.935	-47.9#	134	0.00
44	TM	Trichloroethene	50.000	56.132	-12.3	101	0.00
45	C	1,2-Dichloropropane	50.000	53.808	-7.6#	100	0.00
46	T	Dibromomethane	50.000	60.079	-20.2	109	0.00
47	T	Bromodichloromethane	50.000	54.420	-8.8	101	0.00
48	T	Methyl methacrylate	50.000	74.009	-48.0#	128	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1989.918	-99.0#	177	0.03
50	S	Toluene-d8	50.000	50.261	-0.5	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	412.039	-64.8#	149	0.00
52	CM	Toluene	50.000	53.287	-6.6#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	56.901	-13.8	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.195	-8.4	98	0.00
55	T	1,1,2-Trichloroethane	50.000	58.549	-17.1	108	0.00
56	T	Ethyl methacrylate	50.000	66.409	-32.8#	118	0.00
57	T	1,3-Dichloropropane	50.000	59.260	-18.5	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	341.290	-36.5#	131	0.00
59	T	2-Hexanone	250.000	414.551	-65.8#	154	0.00
60	T	Dibromochloromethane	50.000	57.816	-15.6	107	0.00
61	T	1,2-Dibromoethane	50.000	61.631	-23.3	112	0.00
62	S	4-Bromofluorobenzene	50.000	51.032	-2.1	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	57.916	-15.8	110	0.00
65	PM	Chlorobenzene	50.000	50.958	-1.9	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.511	-5.0	101	0.00
67	C	Ethyl Benzene	50.000	50.841	-1.7#	96	0.00
68	T	m/p-Xylenes	100.000	102.067	-2.1	96	0.00
69	T	o-Xylene	50.000	52.120	-4.2	97	0.00
70	T	Styrene	50.000	53.028	-6.1	98	0.00
71	P	Bromoform	50.000	61.831	-23.7	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	47.443	5.1	96	0.00
74	T	N-amyl acetate	50.000	63.433	-26.9#	123	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.008	-18.0	120	0.00
76	T	1,2,3-Trichloropropane	50.000	62.655	-25.3#	136	0.00
77	T	Bromobenzene	50.000	49.206	1.6	100	0.00
78	T	n-propylbenzene	50.000	46.686	6.6	94	0.00
79	T	2-Chlorotoluene	50.000	48.074	3.9	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.793	4.4	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.992	-22.0	118	0.00
82	T	4-Chlorotoluene	50.000	47.917	4.2	98	0.00
83	T	tert-Butylbenzene	50.000	47.229	5.5	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.264	3.5	96	0.00
85	T	sec-Butylbenzene	50.000	46.531	6.9	93	0.00
86	T	p-Isopropyltoluene	50.000	46.585	6.8	92	0.00
87	T	1,3-Dichlorobenzene	50.000	47.377	5.2	97	0.00
88	T	1,4-Dichlorobenzene	50.000	46.797	6.4	96	0.00
89	T	n-Butylbenzene	50.000	47.047	5.9	94	0.00
90	T	Hexachloroethane	50.000	45.978	8.0	93	0.00
91	T	1,2-Dichlorobenzene	50.000	49.658	0.7	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	76.895	-53.8#	152	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.439	1.1	99	0.00
94	T	Hexachlorobutadiene	50.000	44.821	10.4	91	0.00
95	T	Naphthalene	50.000	68.469	-36.9#	134	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.848	-5.7	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6