Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015559.D
Acq On : 15 Sep 2023 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 15 15:33:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	104	0.01
2	T	Dichlorodifluoromethane	50.000	42.088	15.8	83	0.01
3	P	Chloromethane	50.000	44.932	10.1	87	0.00
4	C	Vinyl Chloride	50.000	44.109	11.8#	86	0.01
5	T	Bromomethane	50.000	45.658	8.7	90	0.01
6	T	Chloroethane	50.000	48.146	3.7	96	0.00
7	T	Trichlorofluoromethane	50.000	45.801	8.4	91	0.01
8	T	Diethyl Ether	50.000	53.470	-6.9	103	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.688	4.6	94	0.00
10	T	Methyl Iodide	50.000	51.360	-2.7	95	0.01
11	T	Tert butyl alcohol	250.000	179.862	28.1#	77	0.03
12	CM	1,1-Dichloroethene	50.000	47.434	5.1#	94	0.01
13	T	Acrolein	250.000	226.780	9.3	79	0.01
14	T	Allyl chloride	50.000	51.375	-2.8	99	0.01
15	T	Acrylonitrile	250.000	255.281	-2.1	94	0.01
16	T	Acetone	250.000	267.677	-7.1	89	0.02
17	T	Carbon Disulfide	50.000	40.625	18.8	80	0.01
18	T	Methyl Acetate	50.000	57.378	-14.8	106	0.01
19	T	Methyl tert-butyl Ether	50.000	54.764	-9.5	104	0.02
20	T	Methylene Chloride	50.000	57.600	-15.2	114	0.02
21	T	trans-1,2-Dichloroethene	50.000	49.153	1.7	96	0.01
22	T	Diisopropyl ether	50.000	54.898	-9.8	107	0.01
23	T	Vinyl Acetate	250.000	246.755	1.3	93	0.01
24	P	1,1-Dichloroethane	50.000	53.685	-7.4	107	0.02
25	T	2-Butanone	250.000	259.142	-3.7	91	0.01
26	T	2,2-Dichloropropane	50.000	54.199	-8.4	108	0.01
27	T	cis-1,2-Dichloroethene	50.000	53.142	-6.3	104	0.01
28	T	Bromochloromethane	50.000	57.256	-14.5	117	0.01
29	T	Tetrahydrofuran	250.000	242.227	3.1	88	0.01
30	C	Chloroform	50.000	54.490	-9.0#	108	0.01
31	T	Cyclohexane	50.000	42.116	15.8	87	0.00
32	T	1,1,1-Trichloroethane	50.000	52.510	-5.0	104	0.01
33	S	1,2-Dichloroethane-d4	50.000	54.948	-9.9	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	56.832	-13.7	119	0.00
36	T	1,1-Dichloropropene	50.000	46.113	7.8	96	0.01
37	T	Ethyl Acetate	50.000	47.778	4.4	92	0.02
38	T	Carbon Tetrachloride	50.000	48.970	2.1	101	0.01
39	T	Methylcyclohexane	50.000	42.328	15.3	87	0.00
40	TM	Benzene	50.000	50.158	-0.3	102	0.02
41	T	Methacrylonitrile	50.000	51.008	-2.0	97	0.00
42	TM	1,2-Dichloroethane	50.000	50.248	-0.5	101	0.00
43	T	Isopropyl Acetate	50.000	50.481	-1.0	97	0.01
44	TM	Trichloroethene	50.000	49.681	0.6	103	0.00
45	C	1,2-Dichloropropane	50.000	51.559	-3.1#	104	0.00
46	T	Dibromomethane	50.000	50.518	-1.0	101	0.01
47	T	Bromodichloromethane	50.000	53.544	-7.1	108	0.01
48	T	Methyl methacrylate	50.000	49.062	1.9	93	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	954.884	4.5	92	0.02
50	S	Toluene-d8	50.000	52.323	-4.6	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.838	-0.7	95	0.00
52	CM	Toluene	50.000	50.495	-1.0#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	53.021	-6.0	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.756	-5.5	105	0.00
55	T	1,1,2-Trichloroethane	50.000	52.721	-5.4	105	0.00
56	T	Ethyl methacrylate	50.000	52.441	-4.9	101	0.00
57	T	1,3-Dichloropropane	50.000	51.497	-3.0	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.638	9.7	94	0.00
59	T	2-Hexanone	250.000	255.250	-2.1	94	0.00
60	T	Dibromochloromethane	50.000	54.199	-8.4	107	0.00
61	T	1,2-Dibromoethane	50.000	51.020	-2.0	101	0.00
62	S	4-Bromofluorobenzene	50.000	55.354	-10.7	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	51.490	-3.0	104	0.00
65	PM	Chlorobenzene	50.000	51.468	-2.9	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.648	-9.3	111	0.00
67	C	Ethyl Benzene	50.000	50.781	-1.6#	104	0.00
68	T	m/p-Xylenes	100.000	101.249	-1.2	103	0.00
69	T	o-Xylene	50.000	51.401	-2.8	104	0.00
70	T	Styrene	50.000	52.936	-5.9	105	0.00
71	P	Bromoform	50.000	54.320	-8.6	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	50.925	-1.8	104	0.00
74	T	N-amyl acetate	50.000	52.032	-4.1	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.865	-3.7	102	0.00
76	T	1,2,3-Trichloropropane	50.000	50.911	-1.8	98	0.00
77	T	Bromobenzene	50.000	52.408	-4.8	106	0.00
78	T	n-propylbenzene	50.000	50.543	-1.1	101	0.00
79	T	2-Chlorotoluene	50.000	51.611	-3.2	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.060	-2.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.273	-6.5	102	0.00
82	T	4-Chlorotoluene	50.000	51.199	-2.4	103	0.00
83	T	tert-Butylbenzene	50.000	51.844	-3.7	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.242	-2.5	102	0.00
85	T	sec-Butylbenzene	50.000	51.169	-2.3	103	0.00
86	T	p-Isopropyltoluene	50.000	51.049	-2.1	101	0.00
87	T	1,3-Dichlorobenzene	50.000	51.868	-3.7	104	0.00
88	T	1,4-Dichlorobenzene	50.000	50.773	-1.5	103	0.00
89	T	n-Butylbenzene	50.000	49.411	1.2	99	0.00
90	T	Hexachloroethane	50.000	54.287	-8.6	109	0.00
91	T	1,2-Dichlorobenzene	50.000	52.383	-4.8	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.702	0.6	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.268	-2.5	100	0.00
94	T	Hexachlorobutadiene	50.000	49.462	1.1	102	0.00
95	T	Naphthalene	50.000	52.641	-5.3	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.887	-3.8	103	0.00

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