Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
Data File : VY014618.D
Acq On : 10 Jul 2023 16:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 11 03:19:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	53.216	-6.4	82	0.00
3	P	Chloromethane	50.000	50.212	-0.4	81	0.00
4	C	Vinyl Chloride	50.000	54.259	-8.5#	87	0.00
5	T	Bromomethane	50.000	51.283	-2.6	86	-0.02
6	T	Chloroethane	50.000	55.851	-11.7	88	-0.01
7	T	Trichlorofluoromethane	50.000	54.304	-8.6	87	-0.02
8	T	Diethyl Ether	50.000	51.186	-2.4	79	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.817	-11.6	90	-0.02
10	T	Methyl Iodide	50.000	55.815	-11.6	81	-0.01
11	T	Tert butyl alcohol	250.000	214.512	14.2	68	-0.02
12	CM	1,1-Dichloroethene	50.000	53.766	-7.5#	83	-0.02
13	T	Acrolein	250.000	154.730	38.1#	48	-0.01
14	T	Allyl chloride	50.000	52.321	-4.6	80	-0.02
15	T	Acrylonitrile	250.000	257.071	-2.8	76	-0.01
16	T	Acetone	250.000	234.212	6.3	72	-0.01
17	T	Carbon Disulfide	50.000	51.706	-3.4	80	-0.01
18	T	Methyl Acetate	50.000	50.380	-0.8	78	0.00
19	T	Methyl tert-butyl Ether	50.000	55.900	-11.8	83	-0.01
20	T	Methylene Chloride	50.000	59.610	-19.2	88	-0.01
21	T	trans-1,2-Dichloroethene	50.000	53.573	-7.1	82	-0.02
22	T	Diisopropyl ether	50.000	51.896	-3.8	76	0.00
23	T	Vinyl Acetate	250.000	264.334	-5.7	75	-0.01
24	P	1,1-Dichloroethane	50.000	51.873	-3.7	80	0.00
25	T	2-Butanone	250.000	239.479	4.2	70	-0.01
26	T	2,2-Dichloropropane	50.000	47.481	5.0	75	-0.01
27	T	cis-1,2-Dichloroethene	50.000	52.259	-4.5	79	0.00
28	T	Bromochloromethane	50.000	49.768	0.5	76	0.00
29	T	Tetrahydrofuran	250.000	253.446	-1.4	72	0.00
30	C	Chloroform	50.000	52.293	-4.6#	81	-0.01
31	T	Cyclohexane	50.000	50.055	-0.1	80	-0.01
32	T	1,1,1-Trichloroethane	50.000	51.954	-3.9	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.570	-1.1	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	54.150	-8.3	79	0.00
36	T	1,1-Dichloropropene	50.000	52.710	-5.4	79	-0.01
37	T	Ethyl Acetate	50.000	51.270	-2.5	74	0.00
38	T	Carbon Tetrachloride	50.000	54.955	-9.9	83	0.00
39	T	Methylcyclohexane	50.000	56.144	-12.3	83	0.00
40	TM	Benzene	50.000	52.204	-4.4	78	0.00
41	T	Methacrylonitrile	50.000	52.098	-4.2	75	0.00
42	TM	1,2-Dichloroethane	50.000	54.126	-8.3	80	-0.01
43	T	Isopropyl Acetate	50.000	51.751	-3.5	74	0.00
44	TM	Trichloroethene	50.000	53.829	-7.7	81	0.00
45	C	1,2-Dichloropropane	50.000	53.825	-7.7#	80	0.00
46	T	Dibromomethane	50.000	53.202	-6.4	79	0.00
47	T	Bromodichloromethane	50.000	54.949	-9.9	82	0.00
48	T	Methyl methacrylate	50.000	54.225	-8.5	76	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	1049.990	-5.0	70	-0.03
50	S	Toluene-d8	50.000	52.092	-4.2	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.882	-6.0	74	0.00
52	CM	Toluene	50.000	53.270	-6.5#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	54.532	-9.1	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.176	-8.4	80	0.00
55	T	1,1,2-Trichloroethane	50.000	54.313	-8.6	79	0.00
56	T	Ethyl methacrylate	50.000	54.305	-8.6	76	0.00
57	T	1,3-Dichloropropane	50.000	53.123	-6.2	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.653	-5.5	73	0.00
59	T	2-Hexanone	250.000	267.315	-6.9	74	0.00
60	T	Dibromochloromethane	50.000	55.347	-10.7	82	0.00
61	T	1,2-Dibromoethane	50.000	54.368	-8.7	79	0.00
62	S	4-Bromofluorobenzene	50.000	52.860	-5.7	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	54.278	-8.6	81	0.00
65	PM	Chlorobenzene	50.000	54.527	-9.1	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.520	-9.0	80	0.00
67	C	Ethyl Benzene	50.000	55.180	-10.4#	80	0.00
68	T	m/p-Xylenes	100.000	109.105	-9.1	79	0.00
69	T	o-Xylene	50.000	55.498	-11.0	79	0.00
70	T	Styrene	50.000	56.077	-12.2	79	0.00
71	P	Bromoform	50.000	57.259	-14.5	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	55.162	-10.3	82	0.00
74	T	N-amyl acetate	50.000	53.251	-6.5	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.389	-6.8	79	0.00
76	T	1,2,3-Trichloropropane	50.000	52.779	-5.6	79	0.00
77	T	Bromobenzene	50.000	52.862	-5.7	79	0.00
78	T	n-propylbenzene	50.000	53.971	-7.9	80	0.00
79	T	2-Chlorotoluene	50.000	52.758	-5.5	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.850	-11.7	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.549	-1.1	75	0.00
82	T	4-Chlorotoluene	50.000	52.221	-4.4	78	0.00
83	T	tert-Butylbenzene	50.000	54.515	-9.0	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.361	-10.7	81	0.00
85	T	sec-Butylbenzene	50.000	54.547	-9.1	82	0.00
86	T	p-Isopropyltoluene	50.000	54.200	-8.4	80	0.00
87	T	1,3-Dichlorobenzene	50.000	53.838	-7.7	82	0.00
88	T	1,4-Dichlorobenzene	50.000	53.482	-7.0	82	0.00
89	T	n-Butylbenzene	50.000	55.137	-10.3	83	0.00
90	T	Hexachloroethane	50.000	54.294	-8.6	84	0.00
91	T	1,2-Dichlorobenzene	50.000	54.738	-9.5	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.272	-6.5	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.071	-18.1	88	0.00
94	T	Hexachlorobutadiene	50.000	58.954	-17.9	91	0.00
95	T	Naphthalene	50.000	57.568	-15.1	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.964	-17.9	87	0.00

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