Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014688.D
Acq On : 18 Jul 2023 09:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 03:58:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	42.749	14.5	66	0.00
3	P	Chloromethane	50.000	57.534	-15.1	86	0.00
4	C	Vinyl Chloride	50.000	56.575	-13.2#	82	0.00
5	T	Bromomethane	50.000	61.142	-22.3	90	0.00
6	T	Chloroethane	50.000	59.783	-19.6	86	0.00
7	T	Trichlorofluoromethane	50.000	49.115	1.8	70	0.00
8	T	Diethyl Ether	50.000	51.786	-3.6	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.817	4.4	68	0.01
10	T	Methyl Iodide	50.000	52.100	-4.2	79	0.00
11	T	Tert butyl alcohol	250.000	229.380	8.2	72	0.01
12	CM	1,1-Dichloroethene	50.000	49.763	0.5#	71	0.00
13	T	Acrolein	250.000	199.104	20.4	64	0.00
14	T	Allyl chloride	50.000	49.036	1.9	71	0.01
15	T	Acrylonitrile	250.000	275.876	-10.4	80	0.00
16	T	Acetone	250.000	256.293	-2.5	70	0.00
17	T	Carbon Disulfide	50.000	47.862	4.3	71	0.00
18	T	Methyl Acetate	50.000	55.758	-11.5	80	0.00
19	T	Methyl tert-butyl Ether	50.000	53.445	-6.9	76	0.00
20	T	Methylene Chloride	50.000	51.410	-2.8	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.285	-2.6	74	0.00
22	T	Diisopropyl ether	50.000	51.597	-3.2	73	0.00
23	T	Vinyl Acetate	250.000	260.342	-4.1	74	0.00
24	P	1,1-Dichloroethane	50.000	51.956	-3.9	74	0.00
25	T	2-Butanone	250.000	266.547	-6.6	76	0.00
26	T	2,2-Dichloropropane	50.000	52.092	-4.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.994	-6.0	76	0.00
28	T	Bromochloromethane	50.000	52.340	-4.7	80	0.00
29	T	Tetrahydrofuran	250.000	270.514	-8.2	79	0.00
30	C	Chloroform	50.000	52.695	-5.4#	76	0.00
31	T	Cyclohexane	50.000	43.103	13.8	65	0.00
32	T	1,1,1-Trichloroethane	50.000	51.907	-3.8	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.655	-7.3	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	53.414	-6.8	80	0.00
36	T	1,1-Dichloropropene	50.000	48.894	2.2	71	0.00
37	T	Ethyl Acetate	50.000	52.178	-4.4	80	0.00
38	T	Carbon Tetrachloride	50.000	50.029	-0.1	73	0.00
39	T	Methylcyclohexane	50.000	44.379	11.2	65	0.00
40	TM	Benzene	50.000	50.746	-1.5	74	0.00
41	T	Methacrylonitrile	50.000	54.076	-8.2	82	0.00
42	TM	1,2-Dichloroethane	50.000	51.599	-3.2	75	0.00
43	T	Isopropyl Acetate	50.000	51.677	-3.4	76	0.00
44	TM	Trichloroethene	50.000	50.326	-0.7	74	0.00
45	C	1,2-Dichloropropane	50.000	49.839	0.3#	73	0.00
46	T	Dibromomethane	50.000	52.284	-4.6	77	0.00
47	T	Bromodichloromethane	50.000	51.683	-3.4	75	0.00
48	T	Methyl methacrylate	50.000	51.015	-2.0	75	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	1045.582	-4.6	76	0.00
50	S	Toluene-d8	50.000	52.176	-4.4	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.206	-7.3	79	0.00
52	CM	Toluene	50.000	50.612	-1.2#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	50.705	-1.4	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.871	-1.7	74	0.00
55	T	1,1,2-Trichloroethane	50.000	52.529	-5.1	77	0.00
56	T	Ethyl methacrylate	50.000	52.081	-4.2	75	0.00
57	T	1,3-Dichloropropane	50.000	51.779	-3.6	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.403	-1.8	76	0.00
59	T	2-Hexanone	250.000	264.855	-5.9	77	0.00
60	T	Dibromochloromethane	50.000	52.607	-5.2	76	0.00
61	T	1,2-Dibromoethane	50.000	51.949	-3.9	76	0.00
62	S	4-Bromofluorobenzene	50.000	50.027	-0.1	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	49.714	0.6	73	0.00
65	PM	Chlorobenzene	50.000	51.122	-2.2	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.018	-6.0	76	0.00
67	C	Ethyl Benzene	50.000	50.969	-1.9#	74	0.00
68	T	m/p-Xylenes	100.000	101.410	-1.4	74	0.00
69	T	o-Xylene	50.000	51.115	-2.2	74	0.00
70	T	Styrene	50.000	51.603	-3.2	74	0.00
71	P	Bromoform	50.000	54.289	-8.6	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	50.566	-1.1	75	0.00
74	T	N-amyl acetate	50.000	50.344	-0.7	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.563	-5.1	78	0.00
76	T	1,2,3-Trichloropropane	50.000	56.262	-12.5	84	0.00
77	T	Bromobenzene	50.000	51.772	-3.5	75	0.00
78	T	n-propylbenzene	50.000	49.534	0.9	72	0.00
79	T	2-Chlorotoluene	50.000	49.378	1.2	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.167	-0.3	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.915	-1.8	74	0.00
82	T	4-Chlorotoluene	50.000	49.648	0.7	72	0.00
83	T	tert-Butylbenzene	50.000	49.888	0.2	72	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.310	-0.6	73	0.00
85	T	sec-Butylbenzene	50.000	49.979	0.0	73	0.00
86	T	p-Isopropyltoluene	50.000	50.830	-1.7	73	0.00
87	T	1,3-Dichlorobenzene	50.000	51.796	-3.6	75	0.00
88	T	1,4-Dichlorobenzene	50.000	51.194	-2.4	74	0.00
89	T	n-Butylbenzene	50.000	48.376	3.2	69	0.00
90	T	Hexachloroethane	50.000	50.858	-1.7	74	0.00
91	T	1,2-Dichlorobenzene	50.000	51.727	-3.5	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.211	-4.4	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.266	-2.5	72	0.00
94	T	Hexachlorobutadiene	50.000	48.696	2.6	69	0.00
95	T	Naphthalene	50.000	53.082	-6.2	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.492	-3.0	73	0.00

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