Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014788.D
Acq On : 25 Jul 2023 09:20
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: Jul 25 14:12:26 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	67	0.00
2	T	Dichlorodifluoromethane	50.000	40.492	19.0	57	0.00
3	P	Chloromethane	50.000	57.059	-14.1	78	0.00
4	C	Vinyl Chloride	50.000	57.567	-15.1#	76	0.00
5	T	Bromomethane	50.000	53.549	-7.1	72	0.00
6	T	Chloroethane	50.000	59.968	-19.9	79	0.00
7	T	Trichlorofluoromethane	50.000	49.247	1.5	65	0.00
8	T	Diethyl Ether	50.000	52.120	-4.2	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.356	5.3	62	0.00
10	T	Methyl Iodide	50.000	52.041	-4.1	72	0.00
11	T	Tert butyl alcohol	250.000	249.988	0.0	71	0.02
12	CM	1,1-Dichloroethene	50.000	48.392	3.2#	63	0.00
13	T	Acrolein	250.000	204.496	18.2	60	0.00
14	T	Allyl chloride	50.000	47.214	5.6	62	0.00
15	T	Acrylonitrile	250.000	299.754	-19.9	79	0.00
16	T	Acetone	250.000	279.994	-12.0	70	0.00
17	T	Carbon Disulfide	50.000	44.663	10.7	60	0.00
18	T	Methyl Acetate	50.000	60.725	-21.5	80	0.00
19	T	Methyl tert-butyl Ether	50.000	54.324	-8.6	71	0.00
20	T	Methylene Chloride	50.000	54.547	-9.1	70	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.899	0.2	66	0.00
22	T	Diisopropyl ether	50.000	51.045	-2.1	66	0.00
23	T	Vinyl Acetate	250.000	267.106	-6.8	69	0.00
24	P	1,1-Dichloroethane	50.000	51.093	-2.2	67	0.00
25	T	2-Butanone	250.000	292.697	-17.1	77	0.00
26	T	2,2-Dichloropropane	50.000	50.416	-0.8	66	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.025	-4.0	68	0.00
28	T	Bromochloromethane	50.000	48.467	3.1	68	0.00
29	T	Tetrahydrofuran	250.000	301.004	-20.4	81	0.00
30	C	Chloroform	50.000	51.997	-4.0#	68	0.00
31	T	Cyclohexane	50.000	41.856	16.3	58	0.00
32	T	1,1,1-Trichloroethane	50.000	50.965	-1.9	67	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.422	1.2	67	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	48.749	2.5	67	0.00
36	T	1,1-Dichloropropene	50.000	48.298	3.4	65	0.00
37	T	Ethyl Acetate	50.000	57.441	-14.9	81	0.00
38	T	Carbon Tetrachloride	50.000	49.584	0.8	66	0.00
39	T	Methylcyclohexane	50.000	43.442	13.1	58	0.00
40	TM	Benzene	50.000	49.826	0.3	67	0.00
41	T	Methacrylonitrile	50.000	52.069	-4.1	73	0.00
42	TM	1,2-Dichloroethane	50.000	52.314	-4.6	70	0.00
43	T	Isopropyl Acetate	50.000	54.939	-9.9	74	0.00
44	TM	Trichloroethene	50.000	49.866	0.3	67	0.00
45	C	1,2-Dichloropropane	50.000	49.762	0.5#	66	0.00
46	T	Dibromomethane	50.000	52.894	-5.8	71	0.00
47	T	Bromodichloromethane	50.000	51.530	-3.1	69	0.00
48	T	Methyl methacrylate	50.000	54.022	-8.0	73	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1164.530	-16.5	77	0.00
50	S	Toluene-d8	50.000	46.886	6.2	65	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.568	-18.6	80	0.00
52	CM	Toluene	50.000	49.622	0.8#	66	0.00
53	T	t-1,3-Dichloropropene	50.000	50.557	-1.1	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.738	0.5	66	0.00
55	T	1,1,2-Trichloroethane	50.000	53.663	-7.3	72	0.00
56	T	Ethyl methacrylate	50.000	52.938	-5.9	70	0.00
57	T	1,3-Dichloropropane	50.000	52.382	-4.8	70	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.809	-1.5	70	0.00
59	T	2-Hexanone	250.000	296.666	-18.7	79	0.00
60	T	Dibromochloromethane	50.000	52.910	-5.8	70	0.00
61	T	1,2-Dibromoethane	50.000	52.688	-5.4	70	0.00
62	S	4-Bromofluorobenzene	50.000	44.737	10.5	63	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	52.452	-4.9	71	0.00
65	PM	Chlorobenzene	50.000	50.192	-0.4	67	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.098	-4.2	69	0.00
67	C	Ethyl Benzene	50.000	49.864	0.3#	66	0.00
68	T	m/p-Xylenes	100.000	99.814	0.2	67	0.00
69	T	o-Xylene	50.000	50.545	-1.1	68	0.00
70	T	Styrene	50.000	51.008	-2.0	67	0.00
71	P	Bromoform	50.000	55.517	-11.0	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73	T	Isopropylbenzene	50.000	48.798	2.4	67	0.00
74	T	N-amyl acetate	50.000	51.731	-3.5	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.359	-6.7	74	0.00
76	T	1,2,3-Trichloropropane	50.000	58.950	-17.9	82	0.00
77	T	Bromobenzene	50.000	50.593	-1.2	69	0.00
78	T	n-propylbenzene	50.000	48.099	3.8	65	0.00
79	T	2-Chlorotoluene	50.000	47.719	4.6	65	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.839	2.3	66	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.543	-3.1	70	0.00
82	T	4-Chlorotoluene	50.000	47.948	4.1	65	0.00
83	T	tert-Butylbenzene	50.000	48.136	3.7	65	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.811	2.4	66	0.00
85	T	sec-Butylbenzene	50.000	48.766	2.5	66	0.00
86	T	p-Isopropyltoluene	50.000	49.732	0.5	67	0.00
87	T	1,3-Dichlorobenzene	50.000	50.695	-1.4	69	0.00
88	T	1,4-Dichlorobenzene	50.000	50.432	-0.9	68	0.00
89	T	n-Butylbenzene	50.000	47.472	5.1	64	0.00
90	T	Hexachloroethane	50.000	48.736	2.5	66	0.00
91	T	1,2-Dichlorobenzene	50.000	50.933	-1.9	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.260	-10.5	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.018	-0.0	66	0.00
94	T	Hexachlorobutadiene	50.000	47.837	4.3	63	0.00
95	T	Naphthalene	50.000	55.162	-10.3	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.755	-3.5	69	0.00

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