Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013859.D
Acq On : 24 May 2023 20:15
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 25 07:10:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	50.446	-0.9	67	0.00
3	P	Chloromethane	50.000	50.849	-1.7	74	0.00
4	C	Vinyl Chloride	50.000	49.285	1.4#	69	0.00
5	T	Bromomethane	50.000	51.306	-2.6	81	0.00
6	T	Chloroethane	50.000	50.085	-0.2	75	0.00
7	T	Trichlorofluoromethane	50.000	49.874	0.3	72	0.00
8	T	Diethyl Ether	50.000	53.608	-7.2	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.164	7.7	68	0.00
10	T	Methyl Iodide	50.000	46.478	7.0	62	0.00
11	T	Tert butyl alcohol	250.000	255.400	-2.2	75	-0.01
12	CM	1,1-Dichloroethene	50.000	47.073	5.9#	67	0.00
13	T	Acrolein	250.000	218.649	12.5	69	0.00
14	T	Allyl chloride	50.000	47.496	5.0	72	0.00
15	T	Acrylonitrile	250.000	271.353	-8.5	80	0.00
16	T	Acetone	250.000	221.998	11.2	66	0.00
17	T	Carbon Disulfide	50.000	49.514	1.0	68	0.00
18	T	Methyl Acetate	50.000	54.366	-8.7	82	0.00
19	T	Methyl tert-butyl Ether	50.000	53.907	-7.8	78	0.00
20	T	Methylene Chloride	50.000	63.808	-27.6#	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.241	-2.5	75	0.00
22	T	Diisopropyl ether	50.000	53.968	-7.9	79	0.00
23	T	Vinyl Acetate	250.000	266.109	-6.4	75	0.00
24	P	1,1-Dichloroethane	50.000	50.668	-1.3	77	0.00
25	T	2-Butanone	250.000	255.349	-2.1	75	0.00
26	T	2,2-Dichloropropane	50.000	46.268	7.5	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.826	-5.7	77	0.00
28	T	Bromochloromethane	50.000	49.756	0.5	82	0.00
29	T	Tetrahydrofuran	250.000	282.949	-13.2	77	0.00
30	C	Chloroform	50.000	53.669	-7.3#	81	0.00
31	T	Cyclohexane	50.000	45.440	9.1	67	0.00
32	T	1,1,1-Trichloroethane	50.000	50.392	-0.8	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.987	-12.0	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	52.925	-5.8	85	0.00
36	T	1,1-Dichloropropene	50.000	48.920	2.2	73	0.00
37	T	Ethyl Acetate	50.000	51.714	-3.4	74	0.00
38	T	Carbon Tetrachloride	50.000	49.333	1.3	75	0.00
39	T	Methylcyclohexane	50.000	47.930	4.1	69	0.00
40	TM	Benzene	50.000	51.272	-2.5	78	0.00
41	T	Methacrylonitrile	50.000	40.553	18.9	69	0.00
42	TM	1,2-Dichloroethane	50.000	54.593	-9.2	83	0.00
43	T	Isopropyl Acetate	50.000	51.918	-3.8	77	0.00
44	TM	Trichloroethene	50.000	49.500	1.0	76	0.00
45	C	1,2-Dichloropropane	50.000	52.176	-4.4#	80	0.00
46	T	Dibromomethane	50.000	53.717	-7.4	81	0.00
47	T	Bromodichloromethane	50.000	53.545	-7.1	83	0.00
48	T	Methyl methacrylate	50.000	53.298	-6.6	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1100.146	-10.0	79	0.00
50	S	Toluene-d8	50.000	51.447	-2.9	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.395	-9.8	79	0.00
52	CM	Toluene	50.000	51.966	-3.9#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	53.125	-6.3	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.170	-4.3	78	0.00
55	T	1,1,2-Trichloroethane	50.000	53.538	-7.1	81	0.00
56	T	Ethyl methacrylate	50.000	54.803	-9.6	78	0.00
57	T	1,3-Dichloropropane	50.000	53.698	-7.4	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.364	2.3	85	0.00
59	T	2-Hexanone	250.000	269.760	-7.9	76	0.00
60	T	Dibromochloromethane	50.000	54.587	-9.2	83	0.00
61	T	1,2-Dibromoethane	50.000	54.301	-8.6	80	0.00
62	S	4-Bromofluorobenzene	50.000	53.695	-7.4	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	48.697	2.6	77	0.00
65	PM	Chlorobenzene	50.000	49.848	0.3	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.675	-1.3	82	0.00
67	C	Ethyl Benzene	50.000	48.674	2.7#	77	0.00
68	T	m/p-Xylenes	100.000	98.978	1.0	78	0.00
69	T	o-Xylene	50.000	50.180	-0.4	79	0.00
70	T	Styrene	50.000	51.707	-3.4	81	0.00
71	P	Bromoform	50.000	51.482	-3.0	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	46.760	6.5	77	0.00
74	T	N-amyl acetate	50.000	47.983	4.0	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.103	-0.2	82	0.00
76	T	1,2,3-Trichloropropane	50.000	50.438	-0.9	99	0.00
77	T	Bromobenzene	50.000	49.131	1.7	82	0.00
78	T	n-propylbenzene	50.000	46.636	6.7	76	0.00
79	T	2-Chlorotoluene	50.000	47.608	4.8	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.343	3.3	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.002	4.0	76	0.00
82	T	4-Chlorotoluene	50.000	48.715	2.6	83	0.00
83	T	tert-Butylbenzene	50.000	46.894	6.2	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.381	1.2	81	0.00
85	T	sec-Butylbenzene	50.000	46.943	6.1	77	0.00
86	T	p-Isopropyltoluene	50.000	47.024	6.0	78	0.00
87	T	1,3-Dichlorobenzene	50.000	48.739	2.5	82	0.00
88	T	1,4-Dichlorobenzene	50.000	48.223	3.6	82	0.00
89	T	n-Butylbenzene	50.000	46.802	6.4	77	0.00
90	T	Hexachloroethane	50.000	46.297	7.4	80	0.00
91	T	1,2-Dichlorobenzene	50.000	48.971	2.1	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.854	2.3	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.825	4.3	79	0.00
94	T	Hexachlorobutadiene	50.000	46.007	8.0	79	0.00
95	T	Naphthalene	50.000	44.244	11.5	78	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.155	3.7	80	0.00

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