Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
Data File : VY013765.D
Acq On : 16 May 2023 17:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 17 07:52:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	51.814	-3.6	74	0.00
3	P	Chloromethane	50.000	56.102	-12.2	85	0.00
4	C	Vinyl Chloride	50.000	58.192	-16.4#	88	0.00
5	T	Bromomethane	50.000	57.949	-15.9	92	0.00
6	T	Chloroethane	50.000	55.921	-11.8	87	0.00
7	T	Trichlorofluoromethane	50.000	55.244	-10.5	82	0.00
8	T	Diethyl Ether	50.000	54.898	-9.8	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.788	-15.6	88	0.00
10	T	Methyl Iodide	50.000	48.908	2.2	66	0.00
11	T	Tert butyl alcohol	250.000	240.617	3.8	77	0.00
12	CM	1,1-Dichloroethene	50.000	53.620	-7.2#	78	0.00
13	T	Acrolein	250.000	156.364	37.5#	50	0.00
14	T	Allyl chloride	50.000	57.680	-15.4	84	0.00
15	T	Acrylonitrile	250.000	278.421	-11.4	80	0.00
16	T	Acetone	250.000	250.480	-0.2	67	0.00
17	T	Carbon Disulfide	50.000	45.800	8.4	66	0.00
18	T	Methyl Acetate	50.000	54.755	-9.5	80	0.00
19	T	Methyl tert-butyl Ether	50.000	57.740	-15.5	82	0.00
20	T	Methylene Chloride	50.000	56.103	-12.2	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.257	-12.5	81	0.00
22	T	Diisopropyl ether	50.000	65.065	-30.1#	94	0.00
23	T	Vinyl Acetate	250.000	337.512	-35.0#	95	0.00
24	P	1,1-Dichloroethane	50.000	61.310	-22.6	90	0.00
25	T	2-Butanone	250.000	268.686	-7.5	76	0.00
26	T	2,2-Dichloropropane	50.000	59.987	-20.0	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.752	-19.5	88	0.00
28	T	Bromochloromethane	50.000	62.044	-24.1	93	0.00
29	T	Tetrahydrofuran	250.000	269.793	-7.9	77	0.00
30	C	Chloroform	50.000	61.715	-23.4#	92	0.00
31	T	Cyclohexane	50.000	54.378	-8.8	84	0.00
32	T	1,1,1-Trichloroethane	50.000	59.683	-19.4	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.862	-11.7	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	58.225	-16.5	92	0.00
36	T	1,1-Dichloropropene	50.000	58.328	-16.7	87	0.00
37	T	Ethyl Acetate	50.000	53.865	-7.7	76	0.00
38	T	Carbon Tetrachloride	50.000	58.176	-16.4	85	0.00
39	T	Methylcyclohexane	50.000	57.797	-15.6	84	0.00
40	TM	Benzene	50.000	59.342	-18.7	87	0.00
41	T	Methacrylonitrile	50.000	63.500	-27.0#	91	0.00
42	TM	1,2-Dichloroethane	50.000	59.071	-18.1	86	0.00
43	T	Isopropyl Acetate	50.000	57.999	-16.0	83	0.00
44	TM	Trichloroethene	50.000	57.232	-14.5	84	0.00
45	C	1,2-Dichloropropane	50.000	62.549	-25.1#	92	0.00
46	T	Dibromomethane	50.000	58.186	-16.4	85	0.00
47	T	Bromodichloromethane	50.000	62.964	-25.9#	92	0.00
48	T	Methyl methacrylate	50.000	59.301	-18.6	82	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1019.953	-2.0	72	0.00
50	S	Toluene-d8	50.000	53.676	-7.4	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.678	-15.5	81	0.00
52	CM	Toluene	50.000	61.733	-23.5#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	61.212	-22.4	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	61.083	-22.2	89	0.00
55	T	1,1,2-Trichloroethane	50.000	59.503	-19.0	87	0.00
56	T	Ethyl methacrylate	50.000	61.856	-23.7	86	0.00
57	T	1,3-Dichloropropane	50.000	60.839	-21.7	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.458	-11.4	88	0.00
59	T	2-Hexanone	250.000	279.869	-11.9	77	0.00
60	T	Dibromochloromethane	50.000	60.628	-21.3	87	0.00
61	T	1,2-Dibromoethane	50.000	59.992	-20.0	86	0.00
62	S	4-Bromofluorobenzene	50.000	61.357	-22.7	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	55.188	-10.4	85	0.00
65	PM	Chlorobenzene	50.000	57.850	-15.7	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	60.772	-21.5	94	0.00
67	C	Ethyl Benzene	50.000	60.997	-22.0#	93	0.00
68	T	m/p-Xylenes	100.000	120.899	-20.9	92	0.00
69	T	o-Xylene	50.000	61.029	-22.1	91	0.00
70	T	Styrene	50.000	62.524	-25.0#	94	0.00
71	P	Bromoform	50.000	59.153	-18.3	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	55.914	-11.8	94	0.00
74	T	N-amyl acetate	50.000	54.323	-8.6	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.211	-6.4	90	0.00
76	T	1,2,3-Trichloropropane	50.000	48.171	3.7	80	0.00
77	T	Bromobenzene	50.000	54.445	-8.9	92	0.00
78	T	n-propylbenzene	50.000	56.506	-13.0	95	0.00
79	T	2-Chlorotoluene	50.000	56.300	-12.6	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.864	-13.7	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.738	-3.5	84	0.00
82	T	4-Chlorotoluene	50.000	55.584	-11.2	94	0.00
83	T	tert-Butylbenzene	50.000	58.939	-17.9	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.399	-16.8	97	0.00
85	T	sec-Butylbenzene	50.000	58.242	-16.5	98	0.00
86	T	p-Isopropyltoluene	50.000	58.616	-17.2	99	0.00
87	T	1,3-Dichlorobenzene	50.000	56.514	-13.0	97	0.00
88	T	1,4-Dichlorobenzene	50.000	55.230	-10.5	96	0.00
89	T	n-Butylbenzene	50.000	59.725	-19.5	101	0.00
90	T	Hexachloroethane	50.000	56.068	-12.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	56.864	-13.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.236	1.5	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.388	-18.8	102	0.00
94	T	Hexachlorobutadiene	50.000	61.058	-22.1	108	0.00
95	T	Naphthalene	50.000	55.091	-10.2	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.295	-16.6	99	0.00

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