Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
Data File : VY012626.D
Acq On : 16 Feb 2023 09:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 16 21:55:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	45.735	8.5	81	0.00
3	P	Chloromethane	50.000	41.648	16.7	79	0.00
4	C	Vinyl Chloride	50.000	45.692	8.6#	84	0.00
5	T	Bromomethane	50.000	51.141	-2.3	88	0.00
6	T	Chloroethane	50.000	49.236	1.5	91	0.00
7	T	Trichlorofluoromethane	50.000	50.805	-1.6	92	0.00
8	T	Diethyl Ether	50.000	51.297	-2.6	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.109	-2.2	90	0.00
10	T	Methyl Iodide	50.000	49.721	0.6	82	0.00
11	T	Tert butyl alcohol	250.000	248.129	0.7	101	0.00
12	CM	1,1-Dichloroethene	50.000	49.550	0.9#	89	0.00
13	T	Acrolein	250.000	182.922	26.8#	70	0.00
14	T	Allyl chloride	50.000	48.008	4.0	85	0.00
15	T	Acrylonitrile	250.000	265.865	-6.3	98	0.00
16	T	Acetone	250.000	286.616	-14.6	100	0.00
17	T	Carbon Disulfide	50.000	42.602	14.8	80	0.00
18	T	Methyl Acetate	50.000	47.528	4.9	94	0.00
19	T	Methyl tert-butyl Ether	50.000	54.166	-8.3	96	0.00
20	T	Methylene Chloride	50.000	49.786	0.4	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.278	-0.6	90	0.00
22	T	Diisopropyl ether	50.000	52.806	-5.6	91	0.00
23	T	Vinyl Acetate	250.000	274.900	-10.0	95	0.00
24	P	1,1-Dichloroethane	50.000	51.505	-3.0	91	0.00
25	T	2-Butanone	250.000	269.460	-7.8	100	0.00
26	T	2,2-Dichloropropane	50.000	53.368	-6.7	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.758	-5.5	92	0.00
28	T	Bromochloromethane	50.000	56.176	-12.4	93	0.00
29	T	Tetrahydrofuran	250.000	262.527	-5.0	97	0.00
30	C	Chloroform	50.000	53.542	-7.1#	94	0.00
31	T	Cyclohexane	50.000	45.800	8.4	84	0.00
32	T	1,1,1-Trichloroethane	50.000	53.850	-7.7	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.657	-1.3	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	54.008	-8.0	87	0.00
36	T	1,1-Dichloropropene	50.000	52.157	-4.3	89	0.00
37	T	Ethyl Acetate	50.000	53.637	-7.3	97	0.00
38	T	Carbon Tetrachloride	50.000	55.722	-11.4	95	0.00
39	T	Methylcyclohexane	50.000	51.653	-3.3	87	0.00
40	TM	Benzene	50.000	52.927	-5.9	90	0.00
41	T	Methacrylonitrile	50.000	46.710	6.6	73	-0.02
42	TM	1,2-Dichloroethane	50.000	55.338	-10.7	95	0.00
43	T	Isopropyl Acetate	50.000	55.204	-10.4	97	0.00
44	TM	Trichloroethene	50.000	53.597	-7.2	92	0.00
45	C	1,2-Dichloropropane	50.000	53.821	-7.6#	90	0.00
46	T	Dibromomethane	50.000	55.550	-11.1	97	0.00
47	T	Bromodichloromethane	50.000	56.104	-12.2	94	0.00
48	T	Methyl methacrylate	50.000	54.886	-9.8	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1245.658	-24.6	111	0.00
50	S	Toluene-d8	50.000	52.955	-5.9	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	287.179	-14.9	101	0.00
52	CM	Toluene	50.000	55.217	-10.4#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	56.477	-13.0	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.206	-10.4	93	0.00
55	T	1,1,2-Trichloroethane	50.000	57.759	-15.5	99	0.00
56	T	Ethyl methacrylate	50.000	58.990	-18.0	100	0.00
57	T	1,3-Dichloropropane	50.000	56.578	-13.2	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.942	-12.0	95	0.00
59	T	2-Hexanone	250.000	292.065	-16.8	101	0.00
60	T	Dibromochloromethane	50.000	58.437	-16.9	98	0.00
61	T	1,2-Dibromoethane	50.000	56.436	-12.9	98	0.00
62	S	4-Bromofluorobenzene	50.000	53.669	-7.3	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	50.329	-0.7	82	0.00
65	PM	Chlorobenzene	50.000	55.803	-11.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.153	-16.3	99	0.00
67	C	Ethyl Benzene	50.000	55.992	-12.0#	94	0.00
68	T	m/p-Xylenes	100.000	113.084	-13.1	95	0.00
69	T	o-Xylene	50.000	57.211	-14.4	94	0.00
70	T	Styrene	50.000	57.659	-15.3	96	0.00
71	P	Bromoform	50.000	59.938	-19.9	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	54.028	-8.1	95	0.00
74	T	N-amyl acetate	50.000	54.251	-8.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.128	-12.3	108	0.00
76	T	1,2,3-Trichloropropane	50.000	55.057	-10.1	106	0.00
77	T	Bromobenzene	50.000	54.364	-8.7	99	0.00
78	T	n-propylbenzene	50.000	53.726	-7.5	95	0.00
79	T	2-Chlorotoluene	50.000	53.492	-7.0	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.420	-8.8	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.955	-5.9	99	0.00
82	T	4-Chlorotoluene	50.000	53.410	-6.8	95	0.00
83	T	tert-Butylbenzene	50.000	55.589	-11.2	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.458	-10.9	97	0.00
85	T	sec-Butylbenzene	50.000	54.812	-9.6	96	0.00
86	T	p-Isopropyltoluene	50.000	56.247	-12.5	98	0.00
87	T	1,3-Dichlorobenzene	50.000	55.064	-10.1	100	0.00
88	T	1,4-Dichlorobenzene	50.000	54.729	-9.5	100	0.00
89	T	n-Butylbenzene	50.000	55.834	-11.7	97	0.00
90	T	Hexachloroethane	50.000	53.217	-6.4	95	0.00
91	T	1,2-Dichlorobenzene	50.000	55.131	-10.3	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.826	-11.7	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.301	-16.6	105	0.00
94	T	Hexachlorobutadiene	50.000	57.296	-14.6	104	0.00
95	T	Naphthalene	50.000	59.938	-19.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.997	-16.0	106	0.00

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