Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
Data File : VY012602.D
Acq On : 15 Feb 2023 09:41
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 00:46:51 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	44.316	11.4	80	0.00
3	P	Chloromethane	50.000	41.434	17.1	80	0.00
4	C	Vinyl Chloride	50.000	44.667	10.7#	84	0.00
5	T	Bromomethane	50.000	47.398	5.2	84	0.00
6	T	Chloroethane	50.000	50.933	-1.9	96	0.00
7	T	Trichlorofluoromethane	50.000	47.755	4.5	88	0.00
8	T	Diethyl Ether	50.000	49.649	0.7	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.134	3.7	86	0.00
10	T	Methyl Iodide	50.000	46.367	7.3	78	0.00
11	T	Tert butyl alcohol	250.000	261.197	-4.5	108	0.00
12	CM	1,1-Dichloroethene	50.000	46.506	7.0#	85	0.00
13	T	Acrolein	250.000	307.621	-23.0	120	0.00
14	T	Allyl chloride	50.000	45.839	8.3	83	0.00
15	T	Acrylonitrile	250.000	269.482	-7.8	101	0.00
16	T	Acetone	250.000	269.632	-7.9	96	0.00
17	T	Carbon Disulfide	50.000	43.196	13.6	83	0.00
18	T	Methyl Acetate	50.000	49.267	1.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	53.642	-7.3	97	0.00
20	T	Methylene Chloride	50.000	49.519	1.0	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.616	2.8	88	0.00
22	T	Diisopropyl ether	50.000	51.418	-2.8	90	0.00
23	T	Vinyl Acetate	250.000	273.197	-9.3	96	0.00
24	P	1,1-Dichloroethane	50.000	48.844	2.3	88	0.00
25	T	2-Butanone	250.000	268.674	-7.5	101	0.00
26	T	2,2-Dichloropropane	50.000	50.473	-0.9	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.440	-2.9	92	0.00
28	T	Bromochloromethane	50.000	55.319	-10.6	93	0.00
29	T	Tetrahydrofuran	250.000	281.379	-12.6	106	0.00
30	C	Chloroform	50.000	52.039	-4.1#	93	0.00
31	T	Cyclohexane	50.000	43.811	12.4	82	0.00
32	T	1,1,1-Trichloroethane	50.000	51.907	-3.8	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.669	-5.3	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	56.069	-12.1	93	0.00
36	T	1,1-Dichloropropene	50.000	50.428	-0.9	89	0.00
37	T	Ethyl Acetate	50.000	53.127	-6.3	99	0.00
38	T	Carbon Tetrachloride	50.000	52.608	-5.2	93	0.00
39	T	Methylcyclohexane	50.000	48.335	3.3	84	0.00
40	TM	Benzene	50.000	51.632	-3.3	91	0.00
41	T	Methacrylonitrile	50.000	54.586	-9.2	88	-0.02
42	TM	1,2-Dichloroethane	50.000	54.846	-9.7	98	0.00
43	T	Isopropyl Acetate	50.000	54.946	-9.9	99	0.00
44	TM	Trichloroethene	50.000	50.566	-1.1	89	0.00
45	C	1,2-Dichloropropane	50.000	51.864	-3.7#	90	0.00
46	T	Dibromomethane	50.000	55.276	-10.6	99	0.00
47	T	Bromodichloromethane	50.000	55.058	-10.1	96	0.00
48	T	Methyl methacrylate	50.000	54.647	-9.3	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1162.179	-16.2	107	0.00
50	S	Toluene-d8	50.000	53.684	-7.4	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.538	-16.6	106	0.00
52	CM	Toluene	50.000	52.754	-5.5#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	53.485	-7.0	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.735	-5.5	91	0.00
55	T	1,1,2-Trichloroethane	50.000	56.665	-13.3	100	0.00
56	T	Ethyl methacrylate	50.000	58.377	-16.8	102	0.00
57	T	1,3-Dichloropropane	50.000	55.440	-10.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.395	-11.0	97	0.00
59	T	2-Hexanone	250.000	290.690	-16.3	104	0.00
60	T	Dibromochloromethane	50.000	56.987	-14.0	99	0.00
61	T	1,2-Dibromoethane	50.000	55.356	-10.7	99	0.00
62	S	4-Bromofluorobenzene	50.000	54.672	-9.3	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	42.634	14.7	72	0.00
65	PM	Chlorobenzene	50.000	53.365	-6.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.629	-11.3	99	0.00
67	C	Ethyl Benzene	50.000	53.176	-6.4#	93	0.00
68	T	m/p-Xylenes	100.000	107.271	-7.3	93	0.00
69	T	o-Xylene	50.000	53.881	-7.8	92	0.00
70	T	Styrene	50.000	54.811	-9.6	95	0.00
71	P	Bromoform	50.000	59.394	-18.8	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	52.469	-4.9	93	0.00
74	T	N-amyl acetate	50.000	54.061	-8.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.364	-18.7	115	0.00
76	T	1,2,3-Trichloropropane	50.000	48.627	2.7	95	0.00
77	T	Bromobenzene	50.000	53.359	-6.7	98	0.00
78	T	n-propylbenzene	50.000	52.201	-4.4	93	0.00
79	T	2-Chlorotoluene	50.000	51.815	-3.6	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.791	-5.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.224	3.6	91	0.00
82	T	4-Chlorotoluene	50.000	51.561	-3.1	93	0.00
83	T	tert-Butylbenzene	50.000	52.887	-5.8	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.311	-6.6	94	0.00
85	T	sec-Butylbenzene	50.000	52.792	-5.6	94	0.00
86	T	p-Isopropyltoluene	50.000	53.767	-7.5	95	0.00
87	T	1,3-Dichlorobenzene	50.000	53.156	-6.3	97	0.00
88	T	1,4-Dichlorobenzene	50.000	52.326	-4.7	96	0.00
89	T	n-Butylbenzene	50.000	52.316	-4.6	92	0.00
90	T	Hexachloroethane	50.000	50.942	-1.9	92	0.00
91	T	1,2-Dichlorobenzene	50.000	53.144	-6.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.727	-11.5	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.891	-5.8	96	0.00
94	T	Hexachlorobutadiene	50.000	51.487	-3.0	94	0.00
95	T	Naphthalene	50.000	57.533	-15.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.781	-7.6	99	0.00

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