Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016831.D
Acq On : 23 Dec 2023 00:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 01:13:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	83	0.02
2	T	Dichlorodifluoromethane	50.000	42.631	14.7	86	0.00
3	P	Chloromethane	50.000	49.610	0.8	99	0.01
4	C	Vinyl Chloride	50.000	50.657	-1.3#	96	0.01
5	T	Bromomethane	50.000	52.410	-4.8	106	0.02
6	T	Chloroethane	50.000	52.425	-4.8	101	0.01
7	T	Trichlorofluoromethane	50.000	47.362	5.3	91	0.02
8	T	Diethyl Ether	50.000	53.340	-6.7	99	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.869	4.3	91	0.02
10	T	Methyl Iodide	50.000	50.554	-1.1	91	0.02
11	T	Tert butyl alcohol	250.000	256.628	-2.7	98	0.02
12	CM	1,1-Dichloroethene	50.000	52.150	-4.3#	97	0.02
13	T	Acrolein	250.000	236.486	5.4	74	0.02
14	T	Allyl chloride	50.000	56.447	-12.9	103	0.02
15	T	Acrylonitrile	250.000	292.317	-16.9	101	0.03
16	T	Acetone	250.000	233.023	6.8	97	0.02
17	T	Carbon Disulfide	50.000	53.090	-6.2	95	0.02
18	T	Methyl Acetate	50.000	67.319	-34.6#	107	0.02
19	T	Methyl tert-butyl Ether	50.000	54.480	-9.0	99	0.03
20	T	Methylene Chloride	50.000	50.962	-1.9	99	0.03
21	T	trans-1,2-Dichloroethene	50.000	54.936	-9.9	100	0.02
22	T	Diisopropyl ether	50.000	57.162	-14.3	103	0.03
23	T	Vinyl Acetate	250.000	271.277	-8.5	99	0.02
24	P	1,1-Dichloroethane	50.000	56.005	-12.0	103	0.03
25	T	2-Butanone	250.000	254.768	-1.9	99	0.03
26	T	2,2-Dichloropropane	50.000	51.034	-2.1	96	0.02
27	T	cis-1,2-Dichloroethene	50.000	55.282	-10.6	101	0.02
28	T	Bromochloromethane	50.000	54.420	-8.8	82	0.02
29	T	Tetrahydrofuran	250.000	300.111	-20.0	102	0.02
30	C	Chloroform	50.000	55.744	-11.5#	104	0.02
31	T	Cyclohexane	50.000	47.203	5.6	91	0.02
32	T	1,1,1-Trichloroethane	50.000	52.371	-4.7	98	0.02
33	S	1,2-Dichloroethane-d4	50.000	47.174	5.7	68	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.02
35	S	Dibromofluoromethane	50.000	44.183	11.6	67	0.02
36	T	1,1-Dichloropropene	50.000	50.101	-0.2	97	0.02
37	T	Ethyl Acetate	50.000	55.333	-10.7	101	0.02
38	T	Carbon Tetrachloride	50.000	48.566	2.9	95	0.02
39	T	Methylcyclohexane	50.000	48.736	2.5	92	0.02
40	TM	Benzene	50.000	53.301	-6.6	103	0.02
41	T	Methacrylonitrile	50.000	46.472	7.1	77	0.02
42	TM	1,2-Dichloroethane	50.000	53.990	-8.0	102	0.02
43	T	Isopropyl Acetate	50.000	53.191	-6.4	100	0.02
44	TM	Trichloroethene	50.000	51.836	-3.7	101	0.02
45	C	1,2-Dichloropropane	50.000	52.912	-5.8#	103	0.02
46	T	Dibromomethane	50.000	53.673	-7.3	103	0.02
47	T	Bromodichloromethane	50.000	52.786	-5.6	103	0.02
48	T	Methyl methacrylate	50.000	54.730	-9.5	100	0.02

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1071.461	-7.1	99	0.01
50	S	Toluene-d8	50.000	44.760	10.5	67	0.02
51	T	4-Methyl-2-Pentanone	250.000	280.217	-12.1	102	0.01
52	CM	Toluene	50.000	53.918	-7.8#	102	0.02
53	T	t-1,3-Dichloropropene	50.000	53.893	-7.8	101	0.02
54	T	cis-1,3-Dichloropropene	50.000	53.651	-7.3	102	0.01
55	T	1,1,2-Trichloroethane	50.000	52.905	-5.8	101	0.02
56	T	Ethyl methacrylate	50.000	56.311	-12.6	101	0.01
57	T	1,3-Dichloropropane	50.000	53.807	-7.6	102	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	312.955	-25.2#	81	0.02
59	T	2-Hexanone	250.000	253.713	-1.5	98	0.01
60	T	Dibromochloromethane	50.000	53.953	-7.9	104	0.01
61	T	1,2-Dibromoethane	50.000	54.235	-8.5	102	0.01
62	S	4-Bromofluorobenzene	50.000	44.300	11.4	67	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.01
64	T	Tetrachloroethene	50.000	51.573	-3.1	104	0.02
65	PM	Chlorobenzene	50.000	51.584	-3.2	103	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	51.221	-2.4	102	0.01
67	C	Ethyl Benzene	50.000	52.461	-4.9#	104	0.02
68	T	m/p-Xylenes	100.000	106.707	-6.7	104	0.02
69	T	o-Xylene	50.000	53.278	-6.6	103	0.01
70	T	Styrene	50.000	54.001	-8.0	103	0.02
71	P	Bromoform	50.000	52.225	-4.5	102	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.01
73	T	Isopropylbenzene	50.000	52.780	-5.6	104	0.01
74	T	N-amyl acetate	50.000	50.764	-1.5	98	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	51.969	-3.9	104	0.01
76	T	1,2,3-Trichloropropane	50.000	55.623	-11.2	124	0.01
77	T	Bromobenzene	50.000	51.371	-2.7	102	0.01
78	T	n-propylbenzene	50.000	52.529	-5.1	103	0.01
79	T	2-Chlorotoluene	50.000	52.070	-4.1	103	0.01
80	T	1,3,5-Trimethylbenzene	50.000	53.367	-6.7	104	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	49.727	0.5	99	0.01
82	T	4-Chlorotoluene	50.000	52.203	-4.4	103	0.01
83	T	tert-Butylbenzene	50.000	52.058	-4.1	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.120	-8.2	104	0.01
85	T	sec-Butylbenzene	50.000	52.146	-4.3	102	0.01
86	T	p-Isopropyltoluene	50.000	52.435	-4.9	102	0.01
87	T	1,3-Dichlorobenzene	50.000	51.216	-2.4	104	0.01
88	T	1,4-Dichlorobenzene	50.000	51.366	-2.7	103	0.01
89	T	n-Butylbenzene	50.000	52.345	-4.7	100	0.01
90	T	Hexachloroethane	50.000	51.740	-3.5	106	0.01
91	T	1,2-Dichlorobenzene	50.000	52.263	-4.5	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.826	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.698	-1.4	98	0.00
94	T	Hexachlorobutadiene	50.000	50.594	-1.2	99	0.00
95	T	Naphthalene	50.000	47.203	5.6	99	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.150	-4.3	98	0.01

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