Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
Data File : VY016550.D
Acq On : 30 Nov 2023 16:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 01 00:59:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 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	97	-0.02
2	T	Dichlorodifluoromethane	50.000	48.519	3.0	107	0.00
3	P	Chloromethane	50.000	48.333	3.3	101	-0.01
4	C	Vinyl Chloride	50.000	51.597	-3.2#	107	-0.01
5	T	Bromomethane	50.000	50.059	-0.1	101	-0.01
6	T	Chloroethane	50.000	49.409	1.2	106	-0.01
7	T	Trichlorofluoromethane	50.000	50.651	-1.3	105	-0.02
8	T	Diethyl Ether	50.000	43.985	12.0	87	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.342	-0.7	104	-0.02
10	T	Methyl Iodide	50.000	50.397	-0.8	101	-0.02
11	T	Tert butyl alcohol	250.000	193.993	22.4	79	-0.03
12	CM	1,1-Dichloroethene	50.000	50.275	-0.5#	101	-0.02
13	T	Acrolein	250.000	187.495	25.0#	66	-0.02
14	T	Allyl chloride	50.000	48.534	2.9	96	-0.02
15	T	Acrylonitrile	250.000	200.026	20.0	75	-0.02
16	T	Acetone	250.000	161.715	35.3#	72	-0.02
17	T	Carbon Disulfide	50.000	50.144	-0.3	100	-0.02
18	T	Methyl Acetate	50.000	42.135	15.7	77	-0.02
19	T	Methyl tert-butyl Ether	50.000	44.602	10.8	85	-0.02
20	T	Methylene Chloride	50.000	47.249	5.5	93	-0.02
21	T	trans-1,2-Dichloroethene	50.000	51.436	-2.9	104	-0.02
22	T	Diisopropyl ether	50.000	47.129	5.7	92	-0.02
23	T	Vinyl Acetate	250.000	211.078	15.6	80	-0.02
24	P	1,1-Dichloroethane	50.000	49.516	1.0	100	-0.02
25	T	2-Butanone	250.000	173.084	30.8#	73	-0.02
26	T	2,2-Dichloropropane	50.000	48.432	3.1	99	-0.02
27	T	cis-1,2-Dichloroethene	50.000	49.975	0.0	99	-0.02
28	T	Bromochloromethane	50.000	44.073	11.9	86	-0.02
29	T	Tetrahydrofuran	250.000	201.941	19.2	74	-0.02
30	C	Chloroform	50.000	48.937	2.1#	98	-0.02
31	T	Cyclohexane	50.000	47.446	5.1	101	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.764	-1.5	104	-0.02
33	S	1,2-Dichloroethane-d4	50.000	45.306	9.4	87	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.01
35	S	Dibromofluoromethane	50.000	48.881	2.2	93	-0.01
36	T	1,1-Dichloropropene	50.000	50.477	-1.0	102	-0.01
37	T	Ethyl Acetate	50.000	40.289	19.4	75	-0.02
38	T	Carbon Tetrachloride	50.000	51.912	-3.8	106	-0.01
39	T	Methylcyclohexane	50.000	51.493	-3.0	103	-0.01
40	TM	Benzene	50.000	49.473	1.1	99	-0.02
41	T	Methacrylonitrile	50.000	50.474	-0.9	100	0.00
42	TM	1,2-Dichloroethane	50.000	45.433	9.1	89	-0.01
43	T	Isopropyl Acetate	50.000	41.534	16.9	78	-0.02
44	TM	Trichloroethene	50.000	51.240	-2.5	102	-0.01
45	C	1,2-Dichloropropane	50.000	47.588	4.8#	95	-0.01
46	T	Dibromomethane	50.000	44.770	10.5	86	-0.01
47	T	Bromodichloromethane	50.000	48.258	3.5	95	-0.01
48	T	Methyl methacrylate	50.000	42.242	15.5	78	0.00

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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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	950.159	5.0	90	-0.01
50	S	Toluene-d8	50.000	50.730	-1.5	97	-0.01
51	T	4-Methyl-2-Pentanone	250.000	194.054	22.4	73	-0.01
52	CM	Toluene	50.000	50.424	-0.8#	100	-0.01
53	T	t-1,3-Dichloropropene	50.000	46.140	7.7	88	-0.01
54	T	cis-1,3-Dichloropropene	50.000	47.376	5.2	91	-0.01
55	T	1,1,2-Trichloroethane	50.000	44.215	11.6	85	0.00
56	T	Ethyl methacrylate	50.000	44.314	11.4	81	-0.01
57	T	1,3-Dichloropropane	50.000	44.952	10.1	86	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	208.740	16.5	74	-0.01
59	T	2-Hexanone	250.000	171.077	31.6#	70	-0.01
60	T	Dibromochloromethane	50.000	46.541	6.9	89	-0.01
61	T	1,2-Dibromoethane	50.000	44.122	11.8	84	0.00
62	S	4-Bromofluorobenzene	50.000	48.884	2.2	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	-0.01
64	T	Tetrachloroethene	50.000	53.789	-7.6	105	-0.01
65	PM	Chlorobenzene	50.000	50.600	-1.2	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.122	-0.2	96	0.00
67	C	Ethyl Benzene	50.000	52.641	-5.3#	101	0.00
68	T	m/p-Xylenes	100.000	103.923	-3.9	100	-0.01
69	T	o-Xylene	50.000	52.195	-4.4	98	0.00
70	T	Styrene	50.000	51.910	-3.8	97	-0.01
71	P	Bromoform	50.000	46.854	6.3	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	53.889	-7.8	101	0.00
74	T	N-amyl acetate	50.000	44.302	11.4	78	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	44.257	11.5	80	-0.01
76	T	1,2,3-Trichloropropane	50.000	46.552	6.9	94	0.00
77	T	Bromobenzene	50.000	50.064	-0.1	94	0.00
78	T	n-propylbenzene	50.000	52.906	-5.8	100	0.00
79	T	2-Chlorotoluene	50.000	51.886	-3.8	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.080	-6.2	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.797	12.4	79	0.00
82	T	4-Chlorotoluene	50.000	50.554	-1.1	96	0.00
83	T	tert-Butylbenzene	50.000	54.350	-8.7	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.702	-5.4	99	0.00
85	T	sec-Butylbenzene	50.000	53.173	-6.3	100	0.00
86	T	p-Isopropyltoluene	50.000	53.707	-7.4	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.236	-0.5	95	0.00
88	T	1,4-Dichlorobenzene	50.000	49.526	0.9	95	0.00
89	T	n-Butylbenzene	50.000	52.527	-5.1	97	0.00
90	T	Hexachloroethane	50.000	52.331	-4.7	100	0.00
91	T	1,2-Dichlorobenzene	50.000	49.047	1.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.382	9.2	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.767	10.5	87	0.00
94	T	Hexachlorobutadiene	50.000	51.503	-3.0	95	0.00
95	T	Naphthalene	50.000	40.425	19.2	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.031	11.9	87	0.00

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