Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
Data File : VY016570.D
Acq On : 01 Dec 2023 18:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 01 23:41:58 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	86	-0.01
2	T	Dichlorodifluoromethane	50.000	43.980	12.0	86	0.00
3	P	Chloromethane	50.000	38.197	23.6	71	0.00
4	C	Vinyl Chloride	50.000	37.780	24.4#	70	0.00
5	T	Bromomethane	50.000	44.343	11.3	79	-0.01
6	T	Chloroethane	50.000	39.773	20.5	75	-0.01
7	T	Trichlorofluoromethane	50.000	47.762	4.5	87	-0.01
8	T	Diethyl Ether	50.000	53.415	-6.8	93	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.731	6.5	86	-0.02
10	T	Methyl Iodide	50.000	51.591	-3.2	92	-0.02
11	T	Tert butyl alcohol	250.000	277.650	-11.1	101	-0.02
12	CM	1,1-Dichloroethene	50.000	47.996	4.0#	86	-0.01
13	T	Acrolein	250.000	210.412	15.8	65	-0.02
14	T	Allyl chloride	50.000	47.475	5.0	83	-0.02
15	T	Acrylonitrile	250.000	265.244	-6.1	88	-0.02
16	T	Acetone	250.000	211.585	15.4	83	-0.01
17	T	Carbon Disulfide	50.000	47.307	5.4	84	-0.01
18	T	Methyl Acetate	50.000	54.977	-10.0	89	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.893	-13.8	96	-0.01
20	T	Methylene Chloride	50.000	53.468	-6.9	93	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.269	-2.5	91	-0.02
22	T	Diisopropyl ether	50.000	50.725	-1.5	87	-0.01
23	T	Vinyl Acetate	250.000	253.022	-1.2	85	-0.01
24	P	1,1-Dichloroethane	50.000	50.185	-0.4	89	-0.01
25	T	2-Butanone	250.000	225.500	9.8	84	-0.01
26	T	2,2-Dichloropropane	50.000	47.744	4.5	86	-0.01
27	T	cis-1,2-Dichloroethene	50.000	53.687	-7.4	94	-0.01
28	T	Bromochloromethane	50.000	46.089	7.8	79	-0.01
29	T	Tetrahydrofuran	250.000	265.649	-6.3	86	-0.01
30	C	Chloroform	50.000	53.482	-7.0#	95	-0.01
31	T	Cyclohexane	50.000	42.090	15.8	79	0.00
32	T	1,1,1-Trichloroethane	50.000	51.345	-2.7	93	-0.01
33	S	1,2-Dichloroethane-d4	50.000	53.908	-7.8	92	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	51.717	-3.4	89	-0.01
36	T	1,1-Dichloropropene	50.000	46.783	6.4	85	0.00
37	T	Ethyl Acetate	50.000	51.610	-3.2	87	-0.01
38	T	Carbon Tetrachloride	50.000	50.656	-1.3	93	-0.01
39	T	Methylcyclohexane	50.000	47.788	4.4	87	0.00
40	TM	Benzene	50.000	50.642	-1.3	92	-0.01
41	T	Methacrylonitrile	50.000	57.716	-15.4	103	0.00
42	TM	1,2-Dichloroethane	50.000	54.482	-9.0	96	0.00
43	T	Isopropyl Acetate	50.000	51.730	-3.5	87	-0.01
44	TM	Trichloroethene	50.000	52.250	-4.5	93	0.00
45	C	1,2-Dichloropropane	50.000	50.092	-0.2#	90	0.00
46	T	Dibromomethane	50.000	54.981	-10.0	96	0.00
47	T	Bromodichloromethane	50.000	54.198	-8.4	97	0.00
48	T	Methyl methacrylate	50.000	50.558	-1.1	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1260.261	-26.0#	108	-0.01
50	S	Toluene-d8	50.000	51.816	-3.6	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.889	-3.2	88	-0.01
52	CM	Toluene	50.000	53.193	-6.4#	95	-0.01
53	T	t-1,3-Dichloropropene	50.000	54.778	-9.6	95	-0.01
54	T	cis-1,3-Dichloropropene	50.000	53.114	-6.2	92	-0.01
55	T	1,1,2-Trichloroethane	50.000	55.413	-10.8	97	0.00
56	T	Ethyl methacrylate	50.000	57.148	-14.3	95	0.00
57	T	1,3-Dichloropropane	50.000	54.595	-9.2	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.989	-7.6	86	-0.01
59	T	2-Hexanone	250.000	231.230	7.5	86	-0.01
60	T	Dibromochloromethane	50.000	58.146	-16.3	100	-0.01
61	T	1,2-Dibromoethane	50.000	55.860	-11.7	96	-0.01
62	S	4-Bromofluorobenzene	50.000	55.220	-10.4	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.01
64	T	Tetrachloroethene	50.000	54.485	-9.0	103	-0.01
65	PM	Chlorobenzene	50.000	52.117	-4.2	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.181	-8.4	101	0.00
67	C	Ethyl Benzene	50.000	50.897	-1.8#	95	0.00
68	T	m/p-Xylenes	100.000	103.865	-3.9	97	-0.01
69	T	o-Xylene	50.000	53.933	-7.9	99	0.00
70	T	Styrene	50.000	55.303	-10.6	100	-0.01
71	P	Bromoform	50.000	58.570	-17.1	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	49.066	1.9	96	0.00
74	T	N-amyl acetate	50.000	50.462	-0.9	92	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	49.599	0.8	94	-0.01
76	T	1,2,3-Trichloropropane	50.000	51.336	-2.7	108	-0.01
77	T	Bromobenzene	50.000	52.026	-4.1	102	0.00
78	T	n-propylbenzene	50.000	47.555	4.9	94	0.00
79	T	2-Chlorotoluene	50.000	48.966	2.1	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.716	-1.4	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.614	6.8	88	0.00
82	T	4-Chlorotoluene	50.000	49.981	0.0	99	0.00
83	T	tert-Butylbenzene	50.000	49.905	0.2	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.330	-2.7	101	0.00
85	T	sec-Butylbenzene	50.000	48.916	2.2	96	-0.01
86	T	p-Isopropyltoluene	50.000	51.224	-2.4	100	-0.01
87	T	1,3-Dichlorobenzene	50.000	51.595	-3.2	102	0.00
88	T	1,4-Dichlorobenzene	50.000	51.515	-3.0	103	0.00
89	T	n-Butylbenzene	50.000	48.083	3.8	92	0.00
90	T	Hexachloroethane	50.000	49.916	0.2	99	0.00
91	T	1,2-Dichlorobenzene	50.000	53.040	-6.1	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.502	-11.0	106	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	50.742	-1.5	104	0.00
94	T	Hexachlorobutadiene	50.000	55.273	-10.5	106	0.00
95	T	Naphthalene	50.000	49.651	0.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.353	-2.7	108	0.00

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