Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
Data File : VY015059.D
Acq On : 11 Aug 2023 16:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 13:39:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	37.211	25.6#	74	0.00
3	P	Chloromethane	50.000	33.090	33.8#	67	0.00
4	C	Vinyl Chloride	50.000	34.613	30.8#	69	0.00
5	T	Bromomethane	50.000	39.890	20.2	72	0.00
6	T	Chloroethane	50.000	38.026	23.9	74	0.00
7	T	Trichlorofluoromethane	50.000	38.709	22.6	75	0.00
8	T	Diethyl Ether	50.000	41.109	17.8	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	40.419	19.2	77	0.00
10	T	Methyl Iodide	50.000	37.365	25.3#	66	0.00
11	T	Tert butyl alcohol	250.000	171.914	31.2#	96	0.00
12	CM	1,1-Dichloroethene	50.000	37.331	25.3#	71	0.00
13	T	Acrolein	250.000	55.327	77.9#	23	0.00
14	T	Allyl chloride	50.000	40.104	19.8	75	0.00
15	T	Acrylonitrile	250.000	230.187	7.9	87	0.00
16	T	Acetone	250.000	282.633	-13.1	105	0.00
17	T	Carbon Disulfide	50.000	25.010	50.0#	50	0.00
18	T	Methyl Acetate	50.000	43.108	13.8	82	0.00
19	T	Methyl tert-butyl Ether	50.000	45.060	9.9	85	0.00
20	T	Methylene Chloride	50.000	24.622	50.8#	60	-0.01
21	T	trans-1,2-Dichloroethene	50.000	37.071	25.9#	71	0.00
22	T	Diisopropyl ether	50.000	45.330	9.3	84	0.00
23	T	Vinyl Acetate	250.000	225.367	9.9	83	0.00
24	P	1,1-Dichloroethane	50.000	42.238	15.5	79	0.00
25	T	2-Butanone	250.000	256.319	-2.5	98	0.00
26	T	2,2-Dichloropropane	50.000	42.795	14.4	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	42.427	15.1	80	0.00
28	T	Bromochloromethane	50.000	53.241	-6.5	99	0.00
29	T	Tetrahydrofuran	250.000	232.038	7.2	89	0.00
30	C	Chloroform	50.000	45.083	9.8#	83	0.00
31	T	Cyclohexane	50.000	35.495	29.0#	67	0.00
32	T	1,1,1-Trichloroethane	50.000	44.256	11.5	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	31.609	36.8#	59	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	37.311	25.4#	67	0.00
36	T	1,1-Dichloropropene	50.000	39.536	20.9	74	0.00
37	T	Ethyl Acetate	50.000	46.920	6.2	89	0.00
38	T	Carbon Tetrachloride	50.000	43.339	13.3	79	0.00
39	T	Methylcyclohexane	50.000	36.383	27.2#	69	0.00
40	TM	Benzene	50.000	41.436	17.1	78	0.00
41	T	Methacrylonitrile	50.000	137.435	-174.9#	251	0.03
42	TM	1,2-Dichloroethane	50.000	44.106	11.8	82	0.00
43	T	Isopropyl Acetate	50.000	46.910	6.2	87	0.00
44	TM	Trichloroethene	50.000	41.778	16.4	78	0.00
45	C	1,2-Dichloropropane	50.000	44.490	11.0#	82	0.00
46	T	Dibromomethane	50.000	44.235	11.5	82	0.00
47	T	Bromodichloromethane	50.000	47.015	6.0	85	0.00
48	T	Methyl methacrylate	50.000	45.968	8.1	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	907.240	9.3	86	0.00
50	S	Toluene-d8	50.000	29.715	40.6#	55	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.340	-5.3	97	0.00
52	CM	Toluene	50.000	42.583	14.8#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	46.258	7.5	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.693	10.6	80	0.00
55	T	1,1,2-Trichloroethane	50.000	46.634	6.7	87	0.00
56	T	Ethyl methacrylate	50.000	47.347	5.3	85	0.00
57	T	1,3-Dichloropropane	50.000	45.779	8.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	165.156	33.9#	60	0.00
59	T	2-Hexanone	250.000	257.377	-3.0	95	0.00
60	T	Dibromochloromethane	50.000	48.246	3.5	87	0.00
61	T	1,2-Dibromoethane	50.000	45.790	8.4	85	0.00
62	S	4-Bromofluorobenzene	50.000	36.983	26.0#	68	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	45.597	8.8	82	0.00
65	PM	Chlorobenzene	50.000	45.197	9.6	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.507	3.0	88	0.00
67	C	Ethyl Benzene	50.000	44.357	11.3#	82	0.00
68	T	m/p-Xylenes	100.000	87.932	12.1	81	0.00
69	T	o-Xylene	50.000	45.031	9.9	83	0.00
70	T	Styrene	50.000	46.383	7.2	85	0.00
71	P	Bromoform	50.000	49.590	0.8	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	44.279	11.4	85	0.00
74	T	N-amyl acetate	50.000	46.923	6.2	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.758	6.5	90	0.00
76	T	1,2,3-Trichloropropane	50.000	83.892	-67.8#	164	0.00
77	T	Bromobenzene	50.000	44.406	11.2	86	0.00
78	T	n-propylbenzene	50.000	43.815	12.4	84	0.00
79	T	2-Chlorotoluene	50.000	44.796	10.4	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.220	9.6	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.882	6.2	88	0.00
82	T	4-Chlorotoluene	50.000	44.720	10.6	86	0.00
83	T	tert-Butylbenzene	50.000	46.230	7.5	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.405	9.2	86	0.00
85	T	sec-Butylbenzene	50.000	45.721	8.6	87	0.00
86	T	p-Isopropyltoluene	50.000	46.518	7.0	88	0.00
87	T	1,3-Dichlorobenzene	50.000	46.156	7.7	89	0.00
88	T	1,4-Dichlorobenzene	50.000	46.300	7.4	89	0.00
89	T	n-Butylbenzene	50.000	46.731	6.5	88	0.00
90	T	Hexachloroethane	50.000	46.933	6.1	89	0.00
91	T	1,2-Dichlorobenzene	50.000	47.035	5.9	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.633	2.7	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.666	2.7	91	0.00
94	T	Hexachlorobutadiene	50.000	48.687	2.6	91	0.00
95	T	Naphthalene	50.000	50.380	-0.8	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.683	2.6	91	0.00

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