Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
Data File : VY016623.D
Acq On : 07 Dec 2023 14:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 07 15:55:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 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	77	0.01
2	T	Dichlorodifluoromethane	50.000	42.845	14.3	72	0.00
3	P	Chloromethane	50.000	51.676	-3.4	85	0.01
4	C	Vinyl Chloride	50.000	56.176	-12.4#	90	0.01
5	T	Bromomethane	50.000	55.292	-10.6	89	0.01
6	T	Chloroethane	50.000	54.591	-9.2	86	0.02
7	T	Trichlorofluoromethane	50.000	51.517	-3.0	82	0.01
8	T	Diethyl Ether	50.000	41.205	17.6	64	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.790	14.4	67	0.02
10	T	Methyl Iodide	50.000	47.658	4.7	73	0.02
11	T	Tert butyl alcohol	250.000	214.373	14.3	67	0.03
12	CM	1,1-Dichloroethene	50.000	44.310	11.4#	69	0.02
13	T	Acrolein	250.000	300.237	-20.1	87	0.01
14	T	Allyl chloride	50.000	36.167	27.7#	56	0.02
15	T	Acrylonitrile	250.000	193.528	22.6	58	0.02
16	T	Acetone	250.000	185.072	26.0#	64	0.01
17	T	Carbon Disulfide	50.000	40.857	18.3	63	0.02
18	T	Methyl Acetate	50.000	38.512	23.0	55	0.01
19	T	Methyl tert-butyl Ether	50.000	44.897	10.2	67	0.02
20	T	Methylene Chloride	50.000	44.237	11.5	67	0.02
21	T	trans-1,2-Dichloroethene	50.000	43.440	13.1	68	0.02
22	T	Diisopropyl ether	50.000	35.527	28.9#	53	0.02
23	T	Vinyl Acetate	250.000	182.527	27.0#	55	0.02
24	P	1,1-Dichloroethane	50.000	39.514	21.0	62	0.02
25	T	2-Butanone	250.000	167.314	33.1#	54	0.01
26	T	2,2-Dichloropropane	50.000	47.786	4.4	76	0.02
27	T	cis-1,2-Dichloroethene	50.000	43.275	13.5	67	0.02
28	T	Bromochloromethane	50.000	42.588	14.8	62	0.02
29	T	Tetrahydrofuran	250.000	170.171	31.9#	49	0.02
30	C	Chloroform	50.000	43.273	13.5#	68	0.01
31	T	Cyclohexane	50.000	36.215	27.6#	60	0.01
32	T	1,1,1-Trichloroethane	50.000	48.285	3.4	77	0.02
33	S	1,2-Dichloroethane-d4	50.000	54.581	-9.2	78	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.01
35	S	Dibromofluoromethane	50.000	55.424	-10.8	74	0.01
36	T	1,1-Dichloropropene	50.000	46.946	6.1	68	0.01
37	T	Ethyl Acetate	50.000	36.667	26.7#	51	0.01
38	T	Carbon Tetrachloride	50.000	53.752	-7.5	78	0.01
39	T	Methylcyclohexane	50.000	47.243	5.5	67	0.01
40	TM	Benzene	50.000	44.318	11.4	65	0.02
41	T	Methacrylonitrile	50.000	34.671	30.7#	48	0.02
42	TM	1,2-Dichloroethane	50.000	48.653	2.7	70	0.01
43	T	Isopropyl Acetate	50.000	40.162	19.7	55	0.00
44	TM	Trichloroethene	50.000	49.152	1.7	73	0.01
45	C	1,2-Dichloropropane	50.000	39.324	21.4#	57	0.01
46	T	Dibromomethane	50.000	44.437	11.1	62	0.01
47	T	Bromodichloromethane	50.000	46.553	6.9	67	0.01
48	T	Methyl methacrylate	50.000	41.154	17.7	55	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	924.097	7.6	62	0.00
50	S	Toluene-d8	50.000	57.212	-14.4	76	0.01
51	T	4-Methyl-2-Pentanone	250.000	191.517	23.4	52	0.00
52	CM	Toluene	50.000	47.569	4.9#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	48.152	3.7	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.435	9.1	64	0.00
55	T	1,1,2-Trichloroethane	50.000	45.314	9.4	64	0.01
56	T	Ethyl methacrylate	50.000	44.503	11.0	59	0.00
57	T	1,3-Dichloropropane	50.000	44.590	10.8	62	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	244.161	2.3	64	0.01
59	T	2-Hexanone	250.000	187.516	25.0	53	0.00
60	T	Dibromochloromethane	50.000	48.646	2.7	70	0.00
61	T	1,2-Dibromoethane	50.000	46.346	7.3	64	0.00
62	S	4-Bromofluorobenzene	50.000	59.353	-18.7	79	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	50.773	-1.5	73	0.00
65	PM	Chlorobenzene	50.000	48.590	2.8	71	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	49.705	0.6	71	0.01
67	C	Ethyl Benzene	50.000	48.250	3.5#	69	0.00
68	T	m/p-Xylenes	100.000	99.479	0.5	71	0.00
69	T	o-Xylene	50.000	50.072	-0.1	73	0.01
70	T	Styrene	50.000	50.332	-0.7	71	0.00
71	P	Bromoform	50.000	51.787	-3.6	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.01
73	T	Isopropylbenzene	50.000	48.931	2.1	72	0.00
74	T	N-amyl acetate	50.000	37.154	25.7#	53	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	39.688	20.6	58	0.00
76	T	1,2,3-Trichloropropane	50.000	34.912	30.2#	53	0.00
77	T	Bromobenzene	50.000	49.745	0.5	74	0.01
78	T	n-propylbenzene	50.000	46.727	6.5	70	0.00
79	T	2-Chlorotoluene	50.000	45.780	8.4	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.007	2.0	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.699	14.6	63	0.01
82	T	4-Chlorotoluene	50.000	46.812	6.4	70	0.00
83	T	tert-Butylbenzene	50.000	51.081	-2.2	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.537	0.9	73	0.00
85	T	sec-Butylbenzene	50.000	48.788	2.4	73	0.00
86	T	p-Isopropyltoluene	50.000	51.495	-3.0	75	0.00
87	T	1,3-Dichlorobenzene	50.000	49.005	2.0	74	0.00
88	T	1,4-Dichlorobenzene	50.000	49.632	0.7	74	0.01
89	T	n-Butylbenzene	50.000	48.865	2.3	71	0.00
90	T	Hexachloroethane	50.000	47.583	4.8	72	0.01
91	T	1,2-Dichlorobenzene	50.000	49.914	0.2	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.953	6.1	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.516	-17.0	84	0.01
94	T	Hexachlorobutadiene	50.000	59.774	-19.5	88	0.00
95	T	Naphthalene	50.000	57.435	-14.9	79	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.589	-17.2	82	0.01

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