Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
Data File : VY020578.D
Acq On : 10 Dec 2024 18:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 00:53:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
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	81	-0.01
2	T	Dichlorodifluoromethane	50.000	48.217	3.6	72	-0.01
3	P	Chloromethane	50.000	51.766	-3.5	79	-0.01
4	C	Vinyl Chloride	50.000	49.552	0.9#	75	-0.01
5	T	Bromomethane	50.000	52.334	-4.7	81	-0.02
6	T	Chloroethane	50.000	51.573	-3.1	81	-0.01
7	T	Trichlorofluoromethane	50.000	47.403	5.2	74	-0.01
8	T	Diethyl Ether	50.000	58.195	-16.4	94	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.791	4.4	77	-0.01
10	T	Methyl Iodide	50.000	53.484	-7.0	80	-0.01
11	T	Tert butyl alcohol	250.000	388.346	-55.3#	124	-0.02
12	CM	1,1-Dichloroethene	50.000	49.709	0.6#	78	-0.01
13	T	Acrolein	250.000	179.968	28.0#	65	-0.01
14	T	Allyl chloride	50.000	51.958	-3.9	82	-0.02
15	T	Acrylonitrile	250.000	336.820	-34.7#	105	-0.01
16	T	Acetone	250.000	258.898	-3.6	72	-0.02
17	T	Carbon Disulfide	50.000	50.720	-1.4	73	-0.02
18	T	Methyl Acetate	50.000	70.527	-41.1#	110	-0.01
19	T	Methyl tert-butyl Ether	50.000	60.675	-21.3	96	-0.02
20	T	Methylene Chloride	50.000	58.298	-16.6	94	-0.02
21	T	trans-1,2-Dichloroethene	50.000	52.134	-4.3	84	-0.02
22	T	Diisopropyl ether	50.000	57.877	-15.8	93	-0.01
23	T	Vinyl Acetate	250.000	305.368	-22.1	94	-0.01
24	P	1,1-Dichloroethane	50.000	53.641	-7.3	88	-0.02
25	T	2-Butanone	250.000	312.592	-25.0#	90	-0.02
26	T	2,2-Dichloropropane	50.000	42.221	15.6	69	-0.02
27	T	cis-1,2-Dichloroethene	50.000	54.371	-8.7	88	-0.01
28	T	Bromochloromethane	50.000	62.508	-25.0#	94	-0.01
29	T	Tetrahydrofuran	250.000	349.119	-39.6#	105	-0.01
30	C	Chloroform	50.000	54.624	-9.2#	90	-0.01
31	T	Cyclohexane	50.000	46.193	7.6	75	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.321	1.4	81	-0.02
33	S	1,2-Dichloroethane-d4	50.000	53.425	-6.8	79	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	49.329	1.3	78	-0.01
36	T	1,1-Dichloropropene	50.000	47.471	5.1	80	-0.01
37	T	Ethyl Acetate	50.000	65.235	-30.5#	109	-0.01
38	T	Carbon Tetrachloride	50.000	46.555	6.9	79	-0.01
39	T	Methylcyclohexane	50.000	46.211	7.6	76	0.00
40	TM	Benzene	50.000	50.477	-1.0	86	-0.01
41	T	Methacrylonitrile	50.000	59.520	-19.0	92	-0.01
42	TM	1,2-Dichloroethane	50.000	55.832	-11.7	93	-0.01
43	T	Isopropyl Acetate	50.000	62.683	-25.4#	102	-0.01
44	TM	Trichloroethene	50.000	49.375	1.3	85	-0.01
45	C	1,2-Dichloropropane	50.000	52.992	-6.0#	94	0.00
46	T	Dibromomethane	50.000	58.506	-17.0	100	0.00
47	T	Bromodichloromethane	50.000	54.232	-8.5	95	-0.01
48	T	Methyl methacrylate	50.000	62.169	-24.3	101	-0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1511.048	-51.1#	120	-0.01
50	S	Toluene-d8	50.000	46.624	6.8	73	-0.01
51	T	4-Methyl-2-Pentanone	250.000	334.484	-33.8#	108	-0.01
52	CM	Toluene	50.000	51.088	-2.2#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	54.710	-9.4	92	-0.01
54	T	cis-1,3-Dichloropropene	50.000	53.800	-7.6	91	-0.01
55	T	1,1,2-Trichloroethane	50.000	59.312	-18.6	101	-0.01
56	T	Ethyl methacrylate	50.000	63.113	-26.2#	101	-0.01
57	T	1,3-Dichloropropane	50.000	59.383	-18.8	101	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	308.001	-23.2	86	-0.01
59	T	2-Hexanone	250.000	317.815	-27.1#	97	-0.01
60	T	Dibromochloromethane	50.000	57.648	-15.3	97	-0.01
61	T	1,2-Dibromoethane	50.000	59.288	-18.6	100	-0.01
62	S	4-Bromofluorobenzene	50.000	50.231	-0.5	81	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	-0.01
64	T	Tetrachloroethene	50.000	52.076	-4.2	98	0.00
65	PM	Chlorobenzene	50.000	48.284	3.4	92	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	49.017	2.0	94	-0.01
67	C	Ethyl Benzene	50.000	46.736	6.5#	88	0.00
68	T	m/p-Xylenes	100.000	94.278	5.7	89	0.00
69	T	o-Xylene	50.000	48.473	3.1	91	-0.01
70	T	Styrene	50.000	50.199	-0.4	94	0.00
71	P	Bromoform	50.000	56.643	-13.3	104	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	40.995	18.0	89	-0.01
74	T	N-amyl acetate	50.000	55.105	-10.2	108	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	51.584	-3.2	108	0.00
76	T	1,2,3-Trichloropropane	50.000	48.627	2.7	121	0.00
77	T	Bromobenzene	50.000	45.141	9.7	97	-0.01
78	T	n-propylbenzene	50.000	41.416	17.2	89	-0.01
79	T	2-Chlorotoluene	50.000	42.680	14.6	93	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	42.428	15.1	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.777	2.4	99	0.00
82	T	4-Chlorotoluene	50.000	43.300	13.4	94	-0.01
83	T	tert-Butylbenzene	50.000	42.309	15.4	92	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	43.642	12.7	94	0.00
85	T	sec-Butylbenzene	50.000	42.017	16.0	91	0.00
86	T	p-Isopropyltoluene	50.000	42.993	14.0	92	0.00
87	T	1,3-Dichlorobenzene	50.000	45.946	8.1	99	-0.01
88	T	1,4-Dichlorobenzene	50.000	46.813	6.4	101	-0.01
89	T	n-Butylbenzene	50.000	43.463	13.1	93	-0.01
90	T	Hexachloroethane	50.000	43.630	12.7	96	-0.01
91	T	1,2-Dichlorobenzene	50.000	48.797	2.4	104	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.181	-8.4	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.700	-5.4	109	-0.01
94	T	Hexachlorobutadiene	50.000	45.950	8.1	94	0.00
95	T	Naphthalene	50.000	60.981	-22.0	117	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.607	-13.2	114	-0.01

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