Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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	69	0.00
2	T	Dichlorodifluoromethane	50.000	42.960	14.1	59	0.00
3	P	Chloromethane	50.000	59.635	-19.3	86	0.00
4	C	Vinyl Chloride	50.000	61.693	-23.4#	89	0.00
5	T	Bromomethane	50.000	62.917	-25.8#	92	0.00
6	T	Chloroethane	50.000	68.120	-36.2#	97	0.00
7	T	Trichlorofluoromethane	50.000	51.288	-2.6	72	0.00
8	T	Diethyl Ether	50.000	50.663	-1.3	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.931	2.1	69	0.00
10	T	Methyl Iodide	50.000	49.422	1.2	65	0.00
11	T	Tert butyl alcohol	250.000	226.865	9.3	68	0.00
12	CM	1,1-Dichloroethene	50.000	47.924	4.2#	67	0.00
13	T	Acrolein	250.000	109.599	56.2#	31	0.00
14	T	Allyl chloride	50.000	52.425	-4.8	73	0.00
15	T	Acrylonitrile	250.000	270.971	-8.4	74	0.00
16	T	Acetone	250.000	266.311	-6.5	76	0.00
17	T	Carbon Disulfide	50.000	42.725	14.5	60	0.00
18	T	Methyl Acetate	50.000	58.681	-17.4	79	0.00
19	T	Methyl tert-butyl Ether	50.000	53.609	-7.2	73	0.00
20	T	Methylene Chloride	50.000	52.142	-4.3	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.693	2.6	68	0.00
22	T	Diisopropyl ether	50.000	58.129	-16.3	80	0.00
23	T	Vinyl Acetate	250.000	281.710	-12.7	76	0.00
24	P	1,1-Dichloroethane	50.000	54.988	-10.0	78	0.00
25	T	2-Butanone	250.000	281.796	-12.7	76	0.00
26	T	2,2-Dichloropropane	50.000	48.309	3.4	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.612	-5.2	73	0.00
28	T	Bromochloromethane	50.000	56.218	-12.4	72	0.00
29	T	Tetrahydrofuran	250.000	275.466	-10.2	74	0.01
30	C	Chloroform	50.000	55.027	-10.1#	77	0.00
31	T	Cyclohexane	50.000	46.649	6.7	68	0.00
32	T	1,1,1-Trichloroethane	50.000	52.224	-4.4	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.125	-8.3	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	53.011	-6.0	76	0.00
36	T	1,1-Dichloropropene	50.000	49.653	0.7	71	0.00
37	T	Ethyl Acetate	50.000	53.780	-7.6	75	0.00
38	T	Carbon Tetrachloride	50.000	49.712	0.6	71	0.00
39	T	Methylcyclohexane	50.000	47.400	5.2	66	0.00
40	TM	Benzene	50.000	52.236	-4.5	74	0.00
41	T	Methacrylonitrile	50.000	54.835	-9.7	83	0.00
42	TM	1,2-Dichloroethane	50.000	54.531	-9.1	78	0.00
43	T	Isopropyl Acetate	50.000	55.868	-11.7	77	0.00
44	TM	Trichloroethene	50.000	50.025	-0.0	72	0.00
45	C	1,2-Dichloropropane	50.000	54.816	-9.6#	78	0.00
46	T	Dibromomethane	50.000	52.478	-5.0	74	0.00
47	T	Bromodichloromethane	50.000	54.647	-9.3	78	0.00
48	T	Methyl methacrylate	50.000	56.886	-13.8	78	0.00

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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)
49	T	1,4-Dioxane	1000.000	1109.293	-10.9	75	0.01
50	S	Toluene-d8	50.000	51.928	-3.9	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.857	-15.5	78	0.00
52	CM	Toluene	50.000	53.357	-6.7#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	53.768	-7.5	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.589	-7.2	75	0.00
55	T	1,1,2-Trichloroethane	50.000	53.484	-7.0	75	0.00
56	T	Ethyl methacrylate	50.000	54.350	-8.7	71	0.00
57	T	1,3-Dichloropropane	50.000	54.331	-8.7	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.535	-2.6	69	0.00
59	T	2-Hexanone	250.000	296.700	-18.7	78	0.00
60	T	Dibromochloromethane	50.000	52.855	-5.7	75	0.00
61	T	1,2-Dibromoethane	50.000	51.889	-3.8	72	0.00
62	S	4-Bromofluorobenzene	50.000	54.149	-8.3	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	47.707	4.6	70	0.00
65	PM	Chlorobenzene	50.000	50.154	-0.3	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.667	-3.3	77	0.00
67	C	Ethyl Benzene	50.000	51.210	-2.4#	74	0.00
68	T	m/p-Xylenes	100.000	102.873	-2.9	74	0.00
69	T	o-Xylene	50.000	52.018	-4.0	75	0.00
70	T	Styrene	50.000	53.599	-7.2	76	0.00
71	P	Bromoform	50.000	50.984	-2.0	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	47.897	4.2	75	0.00
74	T	N-amyl acetate	50.000	52.822	-5.6	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.050	3.9	76	0.00
76	T	1,2,3-Trichloropropane	50.000	51.395	-2.8	77	0.00
77	T	Bromobenzene	50.000	47.390	5.2	76	0.00
78	T	n-propylbenzene	50.000	48.809	2.4	76	0.00
79	T	2-Chlorotoluene	50.000	48.301	3.4	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.192	3.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.910	8.2	70	0.00
82	T	4-Chlorotoluene	50.000	48.800	2.4	78	0.00
83	T	tert-Butylbenzene	50.000	48.787	2.4	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.493	1.0	77	0.00
85	T	sec-Butylbenzene	50.000	48.640	2.7	76	0.00
86	T	p-Isopropyltoluene	50.000	49.066	1.9	76	0.00
87	T	1,3-Dichlorobenzene	50.000	48.998	2.0	78	0.00
88	T	1,4-Dichlorobenzene	50.000	49.004	2.0	77	0.00
89	T	n-Butylbenzene	50.000	50.284	-0.6	77	0.00
90	T	Hexachloroethane	50.000	49.420	1.2	78	0.00
91	T	1,2-Dichlorobenzene	50.000	49.608	0.8	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.777	2.4	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.098	-2.2	75	0.00
94	T	Hexachlorobutadiene	50.000	50.024	-0.0	77	0.00
95	T	Naphthalene	50.000	54.500	-9.0	75	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	52.553	-5.1	77	0.00

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