Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021528.D
Acq On : 13 Mar 2025 16:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 14 14:57:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	49.014	2.0	83	0.00
3	P	Chloromethane	50.000	51.945	-3.9	90	0.00
4	C	Vinyl Chloride	50.000	55.579	-11.2#	94	0.00
5	T	Bromomethane	50.000	51.677	-3.4	93	-0.01
6	T	Chloroethane	50.000	58.211	-16.4	98	0.00
7	T	Trichlorofluoromethane	50.000	60.023	-20.0	101	-0.01
8	T	Diethyl Ether	50.000	54.782	-9.6	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.516	-7.0	93	-0.02
10	T	Methyl Iodide	50.000	57.448	-14.9	86	-0.01
11	T	Tert butyl alcohol	250.000	275.959	-10.4	82	-0.02
12	CM	1,1-Dichloroethene	50.000	53.491	-7.0#	90	-0.01
13	T	Acrolein	250.000	69.134	72.3#	135	-0.01
14	T	Allyl chloride	50.000	54.892	-9.8	90	-0.02
15	T	Acrylonitrile	250.000	282.004	-12.8	87	-0.01
16	T	Acetone	250.000	304.380	-21.8	87	0.00
17	T	Carbon Disulfide	50.000	51.640	-3.3	84	-0.01
18	T	Methyl Acetate	50.000	67.738	-35.5#	101	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.079	-12.2	89	0.00
20	T	Methylene Chloride	50.000	51.959	-3.9	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.308	-8.6	92	-0.01
22	T	Diisopropyl ether	50.000	57.511	-15.0	92	0.00
23	T	Vinyl Acetate	250.000	281.302	-12.5	86	-0.01
24	P	1,1-Dichloroethane	50.000	55.206	-10.4	92	-0.01
25	T	2-Butanone	250.000	295.816	-18.3	87	0.00
26	T	2,2-Dichloropropane	50.000	52.853	-5.7	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.365	-10.7	92	0.00
28	T	Bromochloromethane	50.000	57.491	-15.0	90	0.00
29	T	Tetrahydrofuran	250.000	292.707	-17.1	86	0.00
30	C	Chloroform	50.000	55.476	-11.0#	93	0.00
31	T	Cyclohexane	50.000	51.319	-2.6	89	0.00
32	T	1,1,1-Trichloroethane	50.000	54.646	-9.3	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.951	-9.9	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	56.342	-12.7	102	0.00
36	T	1,1-Dichloropropene	50.000	55.821	-11.6	90	0.00
37	T	Ethyl Acetate	50.000	58.653	-17.3	88	0.00
38	T	Carbon Tetrachloride	50.000	56.078	-12.2	92	0.00
39	T	Methylcyclohexane	50.000	56.245	-12.5	89	0.00
40	TM	Benzene	50.000	57.004	-14.0	91	0.00
41	T	Methacrylonitrile	50.000	56.755	-13.5	87	0.00
42	TM	1,2-Dichloroethane	50.000	58.111	-16.2	92	-0.01
43	T	Isopropyl Acetate	50.000	58.085	-16.2	86	0.00
44	TM	Trichloroethene	50.000	56.248	-12.5	92	-0.01
45	C	1,2-Dichloropropane	50.000	57.969	-15.9#	93	0.00
46	T	Dibromomethane	50.000	58.036	-16.1	89	0.00
47	T	Bromodichloromethane	50.000	58.410	-16.8	93	0.00
48	T	Methyl methacrylate	50.000	60.938	-21.9	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1249.629	-25.0	89	0.00
50	S	Toluene-d8	50.000	55.804	-11.6	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	309.651	-23.9	87	0.00
52	CM	Toluene	50.000	58.046	-16.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	59.243	-18.5	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.044	-16.1	90	0.00
55	T	1,1,2-Trichloroethane	50.000	58.650	-17.3	89	0.00
56	T	Ethyl methacrylate	50.000	62.501	-25.0#	89	0.00
57	T	1,3-Dichloropropane	50.000	58.758	-17.5	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	320.040	-28.0#	93	0.00
59	T	2-Hexanone	250.000	321.719	-28.7#	87	0.00
60	T	Dibromochloromethane	50.000	58.981	-18.0	92	0.00
61	T	1,2-Dibromoethane	50.000	58.101	-16.2	89	0.00
62	S	4-Bromofluorobenzene	50.000	57.372	-14.7	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	61.634	-23.3	104	0.00
65	PM	Chlorobenzene	50.000	54.914	-9.8	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.176	-12.4	93	0.00
67	C	Ethyl Benzene	50.000	56.189	-12.4#	91	0.00
68	T	m/p-Xylenes	100.000	112.573	-12.6	90	0.00
69	T	o-Xylene	50.000	56.761	-13.5	91	0.00
70	T	Styrene	50.000	58.387	-16.8	92	0.00
71	P	Bromoform	50.000	57.550	-15.1	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	53.693	-7.4	92	0.00
74	T	N-amyl acetate	50.000	55.580	-11.2	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.045	-4.1	87	0.00
76	T	1,2,3-Trichloropropane	50.000	54.315	-8.6	97	0.00
77	T	Bromobenzene	50.000	52.584	-5.2	91	0.00
78	T	n-propylbenzene	50.000	54.375	-8.8	93	0.00
79	T	2-Chlorotoluene	50.000	53.162	-6.3	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.603	-9.2	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.948	-1.9	83	0.00
82	T	4-Chlorotoluene	50.000	53.359	-6.7	93	0.00
83	T	tert-Butylbenzene	50.000	54.011	-8.0	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.868	-9.7	93	0.00
85	T	sec-Butylbenzene	50.000	54.236	-8.5	92	0.00
86	T	p-Isopropyltoluene	50.000	54.380	-8.8	93	0.00
87	T	1,3-Dichlorobenzene	50.000	52.517	-5.0	93	0.00
88	T	1,4-Dichlorobenzene	50.000	53.032	-6.1	93	0.00
89	T	n-Butylbenzene	50.000	55.881	-11.8	93	0.00
90	T	Hexachloroethane	50.000	51.761	-3.5	93	0.00
91	T	1,2-Dichlorobenzene	50.000	53.281	-6.6	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.906	-5.8	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.986	-10.0	91	0.00
94	T	Hexachlorobutadiene	50.000	53.157	-6.3	91	0.00
95	T	Naphthalene	50.000	53.975	-8.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.294	-12.6	92	0.00

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