Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
Data File : VY022487.D
Acq On : 30 May 2025 18:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 31 02:32:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	43.644	12.7	71	0.00
3	P	Chloromethane	50.000	49.985	0.0	71	0.00
4	C	Vinyl Chloride	50.000	56.930	-13.9#	81	0.00
5	T	Bromomethane	50.000	51.277	-2.6	76	0.00
6	T	Chloroethane	50.000	61.551	-23.1	82	0.00
7	T	Trichlorofluoromethane	50.000	56.121	-12.2	82	0.00
8	T	Diethyl Ether	50.000	55.055	-10.1	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.600	-1.2	74	0.00
10	T	Methyl Iodide	50.000	53.378	-6.8	71	-0.01
11	T	Tert butyl alcohol	250.000	279.863	-11.9	85	-0.02
12	CM	1,1-Dichloroethene	50.000	50.879	-1.8#	76	0.00
13	T	Acrolein	250.000	179.564	28.2#	51	-0.01
14	T	Allyl chloride	50.000	53.203	-6.4	77	0.00
15	T	Acrylonitrile	250.000	289.248	-15.7	84	-0.01
16	T	Acetone	250.000	316.378	-26.6#	94	0.00
17	T	Carbon Disulfide	50.000	50.218	-0.4	74	0.00
18	T	Methyl Acetate	50.000	64.285	-28.6#	98	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.355	-8.7	79	0.00
20	T	Methylene Chloride	50.000	59.133	-18.3	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.847	-3.7	77	0.00
22	T	Diisopropyl ether	50.000	54.161	-8.3	79	0.00
23	T	Vinyl Acetate	250.000	260.981	-4.4	75	-0.01
24	P	1,1-Dichloroethane	50.000	54.746	-9.5	79	0.00
25	T	2-Butanone	250.000	288.795	-15.5	85	-0.01
26	T	2,2-Dichloropropane	50.000	48.828	2.3	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.802	-7.6	79	0.00
28	T	Bromochloromethane	50.000	58.173	-16.3	83	0.00
29	T	Tetrahydrofuran	250.000	283.088	-13.2	83	0.00
30	C	Chloroform	50.000	55.710	-11.4#	80	0.00
31	T	Cyclohexane	50.000	47.204	5.6	74	0.00
32	T	1,1,1-Trichloroethane	50.000	52.820	-5.6	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	58.053	-16.1	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	55.708	-11.4	85	0.00
36	T	1,1-Dichloropropene	50.000	50.751	-1.5	77	0.00
37	T	Ethyl Acetate	50.000	52.470	-4.9	78	0.00
38	T	Carbon Tetrachloride	50.000	50.271	-0.5	76	0.00
39	T	Methylcyclohexane	50.000	48.462	3.1	73	0.00
40	TM	Benzene	50.000	53.192	-6.4	79	0.00
41	T	Methacrylonitrile	50.000	52.863	-5.7	81	-0.02
42	TM	1,2-Dichloroethane	50.000	54.050	-8.1	80	0.00
43	T	Isopropyl Acetate	50.000	53.665	-7.3	80	0.00
44	TM	Trichloroethene	50.000	50.876	-1.8	76	0.00
45	C	1,2-Dichloropropane	50.000	53.500	-7.0#	81	0.00
46	T	Dibromomethane	50.000	53.747	-7.5	80	0.00
47	T	Bromodichloromethane	50.000	53.156	-6.3	80	0.00
48	T	Methyl methacrylate	50.000	54.599	-9.2	82	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1168.055	-16.8	89	0.00
50	S	Toluene-d8	50.000	54.328	-8.7	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	279.813	-11.9	82	0.00
52	CM	Toluene	50.000	53.076	-6.2#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	52.044	-4.1	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.088	-4.2	79	0.00
55	T	1,1,2-Trichloroethane	50.000	54.123	-8.2	81	0.00
56	T	Ethyl methacrylate	50.000	53.899	-7.8	78	0.00
57	T	1,3-Dichloropropane	50.000	55.080	-10.2	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.829	-12.3	83	0.00
59	T	2-Hexanone	250.000	284.034	-13.6	82	0.00
60	T	Dibromochloromethane	50.000	53.169	-6.3	78	0.00
61	T	1,2-Dibromoethane	50.000	55.090	-10.2	81	0.00
62	S	4-Bromofluorobenzene	50.000	54.003	-8.0	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	53.793	-7.6	79	0.00
65	PM	Chlorobenzene	50.000	52.879	-5.8	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.732	-7.5	78	0.00
67	C	Ethyl Benzene	50.000	52.691	-5.4#	78	0.00
68	T	m/p-Xylenes	100.000	104.255	-4.3	77	0.00
69	T	o-Xylene	50.000	52.257	-4.5	77	0.00
70	T	Styrene	50.000	53.780	-7.6	79	0.00
71	P	Bromoform	50.000	52.651	-5.3	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	50.983	-2.0	77	0.00
74	T	N-amyl acetate	50.000	52.122	-4.2	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.966	-5.9	79	0.00
76	T	1,2,3-Trichloropropane	50.000	48.631	2.7	73	0.00
77	T	Bromobenzene	50.000	51.114	-2.2	75	0.00
78	T	n-propylbenzene	50.000	51.442	-2.9	76	0.00
79	T	2-Chlorotoluene	50.000	51.677	-3.4	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.597	-3.2	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.470	3.1	74	0.00
82	T	4-Chlorotoluene	50.000	51.040	-2.1	76	0.00
83	T	tert-Butylbenzene	50.000	51.331	-2.7	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.556	-3.1	76	0.00
85	T	sec-Butylbenzene	50.000	51.749	-3.5	76	0.00
86	T	p-Isopropyltoluene	50.000	51.172	-2.3	75	0.00
87	T	1,3-Dichlorobenzene	50.000	50.890	-1.8	76	0.00
88	T	1,4-Dichlorobenzene	50.000	51.386	-2.8	76	0.00
89	T	n-Butylbenzene	50.000	51.074	-2.1	73	0.00
90	T	Hexachloroethane	50.000	51.194	-2.4	75	0.00
91	T	1,2-Dichlorobenzene	50.000	52.287	-4.6	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.749	-5.5	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.768	0.5	70	0.00
94	T	Hexachlorobutadiene	50.000	49.616	0.8	72	0.00
95	T	Naphthalene	50.000	54.281	-8.6	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.583	-3.2	72	0.00

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