Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
Data File : VY022585.D
Acq On : 05 Jun 2025 19:51
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: Jun 06 01:29:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	75	-0.01
2	T	Dichlorodifluoromethane	50.000	49.798	0.4	81	0.00
3	P	Chloromethane	50.000	53.434	-6.9	86	0.00
4	C	Vinyl Chloride	50.000	67.856	-35.7#	104	0.00
5	T	Bromomethane	50.000	53.917	-7.8	96	-0.01
6	T	Chloroethane	50.000	69.321	-38.6#	113	-0.01
7	T	Trichlorofluoromethane	50.000	74.273	-48.5#	118	-0.01
8	T	Diethyl Ether	50.000	52.334	-4.7	79	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.722	0.6	76	-0.01
10	T	Methyl Iodide	50.000	48.577	2.8	67	-0.01
11	T	Tert butyl alcohol	250.000	287.297	-14.9	87	-0.02
12	CM	1,1-Dichloroethene	50.000	50.650	-1.3#	77	-0.02
13	T	Acrolein	250.000	201.289	19.5	62	-0.01
14	T	Allyl chloride	50.000	48.865	2.3	75	-0.02
15	T	Acrylonitrile	250.000	271.328	-8.5	80	-0.02
16	T	Acetone	250.000	231.618	7.4	68	-0.01
17	T	Carbon Disulfide	50.000	50.453	-0.9	76	-0.01
18	T	Methyl Acetate	50.000	66.414	-32.8#	100	-0.02
19	T	Methyl tert-butyl Ether	50.000	53.038	-6.1	80	-0.02
20	T	Methylene Chloride	50.000	51.483	-3.0	87	-0.02
21	T	trans-1,2-Dichloroethene	50.000	50.967	-1.9	78	-0.02
22	T	Diisopropyl ether	50.000	52.384	-4.8	79	-0.01
23	T	Vinyl Acetate	250.000	247.249	1.1	74	-0.02
24	P	1,1-Dichloroethane	50.000	52.824	-5.6	80	-0.02
25	T	2-Butanone	250.000	262.472	-5.0	77	-0.01
26	T	2,2-Dichloropropane	50.000	42.101	15.8	63	-0.01
27	T	cis-1,2-Dichloroethene	50.000	53.041	-6.1	79	-0.01
28	T	Bromochloromethane	50.000	56.986	-14.0	88	-0.01
29	T	Tetrahydrofuran	250.000	275.047	-10.0	83	-0.01
30	C	Chloroform	50.000	54.492	-9.0#	82	-0.01
31	T	Cyclohexane	50.000	45.862	8.3	73	-0.01
32	T	1,1,1-Trichloroethane	50.000	51.520	-3.0	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.373	-10.7	78	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	51.904	-3.8	76	-0.01
36	T	1,1-Dichloropropene	50.000	48.945	2.1	77	-0.01
37	T	Ethyl Acetate	50.000	51.861	-3.7	77	-0.02
38	T	Carbon Tetrachloride	50.000	48.173	3.7	75	-0.01
39	T	Methylcyclohexane	50.000	46.207	7.6	73	-0.01
40	TM	Benzene	50.000	51.329	-2.7	81	-0.01
41	T	Methacrylonitrile	50.000	50.900	-1.8	81	-0.02
42	TM	1,2-Dichloroethane	50.000	52.455	-4.9	83	-0.01
43	T	Isopropyl Acetate	50.000	51.013	-2.0	79	0.00
44	TM	Trichloroethene	50.000	51.374	-2.7	80	0.00
45	C	1,2-Dichloropropane	50.000	51.448	-2.9#	80	0.00
46	T	Dibromomethane	50.000	53.614	-7.2	84	0.00
47	T	Bromodichloromethane	50.000	52.893	-5.8	82	0.00
48	T	Methyl methacrylate	50.000	50.564	-1.1	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1110.094	-11.0	91	-0.02
50	S	Toluene-d8	50.000	51.061	-2.1	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	270.358	-8.1	82	0.00
52	CM	Toluene	50.000	51.000	-2.0#	80	-0.01
53	T	t-1,3-Dichloropropene	50.000	49.778	0.4	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.079	-0.2	78	0.00
55	T	1,1,2-Trichloroethane	50.000	53.059	-6.1	84	0.00
56	T	Ethyl methacrylate	50.000	52.289	-4.6	80	0.00
57	T	1,3-Dichloropropane	50.000	53.008	-6.0	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.785	-16.3	92	0.00
59	T	2-Hexanone	250.000	264.584	-5.8	81	0.00
60	T	Dibromochloromethane	50.000	51.528	-3.1	80	0.00
61	T	1,2-Dibromoethane	50.000	51.894	-3.8	82	0.00
62	S	4-Bromofluorobenzene	50.000	51.272	-2.5	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	54.242	-8.5	88	-0.01
65	PM	Chlorobenzene	50.000	49.525	1.0	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.919	-1.8	82	0.00
67	C	Ethyl Benzene	50.000	48.901	2.2#	79	0.00
68	T	m/p-Xylenes	100.000	97.541	2.5	79	0.00
69	T	o-Xylene	50.000	50.171	-0.3	82	0.00
70	T	Styrene	50.000	51.158	-2.3	82	0.00
71	P	Bromoform	50.000	49.731	0.5	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	45.254	9.5	78	0.00
74	T	N-amyl acetate	50.000	46.083	7.8	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.062	9.9	78	0.00
76	T	1,2,3-Trichloropropane	50.000	52.572	-5.1	83	0.00
77	T	Bromobenzene	50.000	46.258	7.5	81	0.00
78	T	n-propylbenzene	50.000	45.268	9.5	78	0.00
79	T	2-Chlorotoluene	50.000	45.653	8.7	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.170	7.7	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.372	17.3	73	0.00
82	T	4-Chlorotoluene	50.000	45.620	8.8	79	0.00
83	T	tert-Butylbenzene	50.000	45.447	9.1	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.320	7.4	81	0.00
85	T	sec-Butylbenzene	50.000	44.960	10.1	78	0.00
86	T	p-Isopropyltoluene	50.000	45.377	9.2	79	0.00
87	T	1,3-Dichlorobenzene	50.000	46.350	7.3	82	0.00
88	T	1,4-Dichlorobenzene	50.000	45.880	8.2	80	0.00
89	T	n-Butylbenzene	50.000	45.634	8.7	78	0.00
90	T	Hexachloroethane	50.000	46.384	7.2	80	0.00
91	T	1,2-Dichlorobenzene	50.000	47.284	5.4	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.582	2.8	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.570	4.9	83	0.00
94	T	Hexachlorobutadiene	50.000	44.783	10.4	78	0.00
95	T	Naphthalene	50.000	50.687	-1.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.028	1.9	85	0.00

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