Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	44.343	11.3	80	0.00
3	P	Chloromethane	50.000	45.026	9.9	80	0.00
4	C	Vinyl Chloride	50.000	48.219	3.6#	83	0.00
5	T	Bromomethane	50.000	46.512	7.0	86	0.00
6	T	Chloroethane	50.000	52.024	-4.0	88	0.00
7	T	Trichlorofluoromethane	50.000	51.523	-3.0	88	0.00
8	T	Diethyl Ether	50.000	48.068	3.9	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.391	-10.8	94	0.00
10	T	Methyl Iodide	50.000	59.908	-19.8	92	0.00
11	T	Tert butyl alcohol	250.000	200.609	19.8	81	0.00
12	CM	1,1-Dichloroethene	50.000	52.698	-5.4#	89	0.00
13	T	Acrolein	250.000	49.485	80.2#	17	0.00
14	T	Allyl chloride	50.000	52.271	-4.5	87	0.01
15	T	Acrylonitrile	250.000	235.861	5.7	83	0.00
16	T	Acetone	250.000	246.096	1.6	95	0.00
17	T	Carbon Disulfide	50.000	49.197	1.6	83	0.00
18	T	Methyl Acetate	50.000	52.534	-5.1	90	0.00
19	T	Methyl tert-butyl Ether	50.000	49.007	2.0	83	0.00
20	T	Methylene Chloride	50.000	48.199	3.6	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.079	-8.2	91	0.01
22	T	Diisopropyl ether	50.000	54.560	-9.1	91	0.00
23	T	Vinyl Acetate	250.000	241.218	3.5	81	0.00
24	P	1,1-Dichloroethane	50.000	55.631	-11.3	94	0.00
25	T	2-Butanone	250.000	221.859	11.3	83	0.00
26	T	2,2-Dichloropropane	50.000	56.552	-13.1	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.617	-11.2	94	0.00
28	T	Bromochloromethane	50.000	46.183	7.6	83	0.00
29	T	Tetrahydrofuran	250.000	216.932	13.2	76	0.00
30	C	Chloroform	50.000	56.880	-13.8#	96	0.00
31	T	Cyclohexane	50.000	50.505	-1.0	88	0.00
32	T	1,1,1-Trichloroethane	50.000	56.700	-13.4	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.803	8.4	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	51.027	-2.1	83	0.00
36	T	1,1-Dichloropropene	50.000	57.877	-15.8	93	0.00
37	T	Ethyl Acetate	50.000	46.976	6.0	79	0.00
38	T	Carbon Tetrachloride	50.000	58.304	-16.6	94	0.00
39	T	Methylcyclohexane	50.000	56.432	-12.9	89	0.00
40	TM	Benzene	50.000	58.022	-16.0	93	0.00
41	T	Methacrylonitrile	50.000	50.739	-1.5	87	0.00
42	TM	1,2-Dichloroethane	50.000	53.681	-7.4	89	0.00
43	T	Isopropyl Acetate	50.000	46.339	7.3	78	0.00
44	TM	Trichloroethene	50.000	56.510	-13.0	91	0.00
45	C	1,2-Dichloropropane	50.000	57.207	-14.4#	93	0.00
46	T	Dibromomethane	50.000	54.829	-9.7	89	0.00
47	T	Bromodichloromethane	50.000	57.932	-15.9	94	0.00
48	T	Methyl methacrylate	50.000	48.355	3.3	78	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	923.749	7.6	76	0.00
50	S	Toluene-d8	50.000	50.721	-1.4	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.330	3.1	80	0.00
52	CM	Toluene	50.000	59.432	-18.9#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	54.601	-9.2	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.317	-12.6	90	0.00
55	T	1,1,2-Trichloroethane	50.000	54.835	-9.7	90	0.00
56	T	Ethyl methacrylate	50.000	52.047	-4.1	82	0.00
57	T	1,3-Dichloropropane	50.000	54.718	-9.4	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.069	2.0	75	0.00
59	T	2-Hexanone	250.000	238.542	4.6	80	0.00
60	T	Dibromochloromethane	50.000	55.636	-11.3	91	0.00
61	T	1,2-Dibromoethane	50.000	53.608	-7.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.609	-1.2	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	58.080	-16.2	91	0.00
65	PM	Chlorobenzene	50.000	57.277	-14.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.911	-15.8	95	0.00
67	C	Ethyl Benzene	50.000	60.145	-20.3#	94	0.00
68	T	m/p-Xylenes	100.000	119.696	-19.7	93	0.00
69	T	o-Xylene	50.000	59.287	-18.6	93	0.00
70	T	Styrene	50.000	59.990	-20.0	93	0.00
71	P	Bromoform	50.000	52.526	-5.1	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	60.909	-21.8	95	0.00
74	T	N-amyl acetate	50.000	46.722	6.6	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.020	-2.0	87	0.00
76	T	1,2,3-Trichloropropane	50.000	46.749	6.5	75	0.00
77	T	Bromobenzene	50.000	55.801	-11.6	91	0.00
78	T	n-propylbenzene	50.000	61.437	-22.9	95	0.00
79	T	2-Chlorotoluene	50.000	59.318	-18.6	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	61.152	-22.3	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.780	2.4	82	0.00
82	T	4-Chlorotoluene	50.000	59.010	-18.0	94	0.00
83	T	tert-Butylbenzene	50.000	60.941	-21.9	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.739	-21.5	94	0.00
85	T	sec-Butylbenzene	50.000	61.804	-23.6	96	0.00
86	T	p-Isopropyltoluene	50.000	61.748	-23.5	95	0.00
87	T	1,3-Dichlorobenzene	50.000	57.261	-14.5	93	0.00
88	T	1,4-Dichlorobenzene	50.000	55.787	-11.6	91	0.00
89	T	n-Butylbenzene	50.000	62.027	-24.1	96	0.00
90	T	Hexachloroethane	50.000	58.793	-17.6	96	0.00
91	T	1,2-Dichlorobenzene	50.000	55.907	-11.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.034	11.9	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.085	-8.2	87	0.00
94	T	Hexachlorobutadiene	50.000	58.878	-17.8	94	0.00
95	T	Naphthalene	50.000	47.574	4.9	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.202	-4.4	84	0.00

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