Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
Data File : VY022693.D
Acq On : 13 Jun 2025 13:50
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: Jun 14 02:04:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	65	0.00
2	T	Dichlorodifluoromethane	50.000	44.040	11.9	62	0.00
3	P	Chloromethane	50.000	45.480	9.0	64	0.00
4	C	Vinyl Chloride	50.000	58.938	-17.9#	79	0.00
5	T	Bromomethane	50.000	48.244	3.5	74	0.00
6	T	Chloroethane	50.000	63.411	-26.8#	90	-0.01
7	T	Trichlorofluoromethane	50.000	64.139	-28.3#	89	-0.01
8	T	Diethyl Ether	50.000	54.422	-8.8	71	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.527	-1.1	67	-0.01
10	T	Methyl Iodide	50.000	51.419	-2.8	62	0.00
11	T	Tert butyl alcohol	250.000	267.545	-7.0	71	-0.02
12	CM	1,1-Dichloroethene	50.000	50.742	-1.5#	67	-0.01
13	T	Acrolein	250.000	107.564	57.0#	29	-0.01
14	T	Allyl chloride	50.000	48.535	2.9	64	-0.02
15	T	Acrylonitrile	250.000	272.927	-9.2	70	-0.02
16	T	Acetone	250.000	226.861	9.3	58	-0.01
17	T	Carbon Disulfide	50.000	48.534	2.9	64	-0.01
18	T	Methyl Acetate	50.000	56.660	-13.3	75	-0.02
19	T	Methyl tert-butyl Ether	50.000	53.318	-6.6	70	-0.02
20	T	Methylene Chloride	50.000	55.714	-11.4	81	-0.02
21	T	trans-1,2-Dichloroethene	50.000	52.548	-5.1	70	-0.02
22	T	Diisopropyl ether	50.000	52.122	-4.2	68	0.00
23	T	Vinyl Acetate	250.000	253.847	-1.5	66	-0.01
24	P	1,1-Dichloroethane	50.000	54.157	-8.3	72	-0.01
25	T	2-Butanone	250.000	256.593	-2.6	65	-0.01
26	T	2,2-Dichloropropane	50.000	51.115	-2.2	67	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.431	-10.9	72	-0.01
28	T	Bromochloromethane	50.000	54.580	-9.2	74	0.00
29	T	Tetrahydrofuran	250.000	258.423	-3.4	68	-0.01
30	C	Chloroform	50.000	56.499	-13.0#	74	-0.01
31	T	Cyclohexane	50.000	44.598	10.8	61	-0.01
32	T	1,1,1-Trichloroethane	50.000	53.914	-7.8	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.865	-11.7	69	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	55.679	-11.4	69	-0.01
36	T	1,1-Dichloropropene	50.000	50.948	-1.9	67	0.00
37	T	Ethyl Acetate	50.000	51.574	-3.1	64	-0.01
38	T	Carbon Tetrachloride	50.000	52.186	-4.4	68	-0.01
39	T	Methylcyclohexane	50.000	48.032	3.9	63	-0.01
40	TM	Benzene	50.000	54.976	-10.0	72	-0.01
41	T	Methacrylonitrile	50.000	48.986	2.0	66	-0.01
42	TM	1,2-Dichloroethane	50.000	54.468	-8.9	72	-0.01
43	T	Isopropyl Acetate	50.000	52.451	-4.9	68	0.00
44	TM	Trichloroethene	50.000	54.459	-8.9	71	0.00
45	C	1,2-Dichloropropane	50.000	55.479	-11.0#	72	0.00
46	T	Dibromomethane	50.000	56.280	-12.6	74	0.00
47	T	Bromodichloromethane	50.000	55.944	-11.9	73	0.00
48	T	Methyl methacrylate	50.000	50.999	-2.0	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1031.233	-3.1	70	-0.02
50	S	Toluene-d8	50.000	55.415	-10.8	69	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.897	-8.8	69	0.00
52	CM	Toluene	50.000	55.047	-10.1#	73	-0.01
53	T	t-1,3-Dichloropropene	50.000	52.449	-4.9	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.472	-6.9	69	0.00
55	T	1,1,2-Trichloroethane	50.000	56.513	-13.0	75	0.00
56	T	Ethyl methacrylate	50.000	54.183	-8.4	69	0.00
57	T	1,3-Dichloropropane	50.000	54.995	-10.0	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.315	-2.1	68	0.00
59	T	2-Hexanone	250.000	270.655	-8.3	69	0.00
60	T	Dibromochloromethane	50.000	55.663	-11.3	72	0.00
61	T	1,2-Dibromoethane	50.000	55.923	-11.8	74	0.00
62	S	4-Bromofluorobenzene	50.000	55.050	-10.1	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	61.502	-23.0	83	0.00
65	PM	Chlorobenzene	50.000	53.983	-8.0	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.002	-8.0	73	0.00
67	C	Ethyl Benzene	50.000	52.718	-5.4#	71	0.00
68	T	m/p-Xylenes	100.000	105.353	-5.4	72	0.00
69	T	o-Xylene	50.000	54.031	-8.1	74	0.00
70	T	Styrene	50.000	54.354	-8.7	73	0.00
71	P	Bromoform	50.000	54.378	-8.8	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73	T	Isopropylbenzene	50.000	50.547	-1.1	71	0.00
74	T	N-amyl acetate	50.000	50.280	-0.6	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.804	4.4	67	0.00
76	T	1,2,3-Trichloropropane	50.000	40.353	19.3	52	0.00
77	T	Bromobenzene	50.000	52.076	-4.2	73	0.00
78	T	n-propylbenzene	50.000	50.651	-1.3	71	0.00
79	T	2-Chlorotoluene	50.000	51.170	-2.3	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.865	-3.7	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.841	8.3	66	0.00
82	T	4-Chlorotoluene	50.000	50.313	-0.6	70	0.00
83	T	tert-Butylbenzene	50.000	50.553	-1.1	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.364	-4.7	74	0.00
85	T	sec-Butylbenzene	50.000	50.613	-1.2	71	0.00
86	T	p-Isopropyltoluene	50.000	51.103	-2.2	72	0.00
87	T	1,3-Dichlorobenzene	50.000	52.997	-6.0	76	0.00
88	T	1,4-Dichlorobenzene	50.000	53.377	-6.8	75	0.00
89	T	n-Butylbenzene	50.000	52.027	-4.1	72	0.00
90	T	Hexachloroethane	50.000	51.268	-2.5	72	0.00
91	T	1,2-Dichlorobenzene	50.000	53.316	-6.6	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.386	-6.8	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.076	-10.2	77	0.00
94	T	Hexachlorobutadiene	50.000	52.973	-5.9	75	0.00
95	T	Naphthalene	50.000	54.696	-9.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.883	-11.8	79	0.00

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