Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022872.D
Acq On : 30 Jun 2025 11:03
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: Jul 01 03:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	46.097	7.8	90	0.00
3	P	Chloromethane	50.000	47.196	5.6	94	0.00
4	C	Vinyl Chloride	50.000	47.379	5.2#	89	0.00
5	T	Bromomethane	50.000	45.841	8.3	92	0.00
6	T	Chloroethane	50.000	48.549	2.9	93	0.00
7	T	Trichlorofluoromethane	50.000	47.831	4.3	90	0.00
8	T	Diethyl Ether	50.000	54.847	-9.7	104	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.667	-7.3	104	0.00
10	T	Methyl Iodide	50.000	60.890	-21.8	106	0.00
11	T	Tert butyl alcohol	250.000	225.987	9.6	85	-0.02
12	CM	1,1-Dichloroethene	50.000	55.543	-11.1#	106	-0.01
13	T	Acrolein	250.000	289.024	-15.6	114	0.00
14	T	Allyl chloride	50.000	59.140	-18.3	112	0.00
15	T	Acrylonitrile	250.000	267.677	-7.1	100	-0.01
16	T	Acetone	250.000	292.967	-17.2	125	-0.01
17	T	Carbon Disulfide	50.000	55.650	-11.3	106	0.00
18	T	Methyl Acetate	50.000	42.985	14.0	83	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.224	-8.4	101	-0.01
20	T	Methylene Chloride	50.000	54.407	-8.8	119	-0.01
21	T	trans-1,2-Dichloroethene	50.000	55.994	-12.0	106	-0.01
22	T	Diisopropyl ether	50.000	58.707	-17.4	110	0.00
23	T	Vinyl Acetate	250.000	291.827	-16.7	107	-0.01
24	P	1,1-Dichloroethane	50.000	57.610	-15.2	108	0.00
25	T	2-Butanone	250.000	269.794	-7.9	105	-0.01
26	T	2,2-Dichloropropane	50.000	58.901	-17.8	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.908	-13.8	108	-0.01
28	T	Bromochloromethane	50.000	50.982	-2.0	94	0.00
29	T	Tetrahydrofuran	250.000	255.736	-2.3	94	0.00
30	C	Chloroform	50.000	55.679	-11.4#	106	0.00
31	T	Cyclohexane	50.000	54.714	-9.4	107	0.00
32	T	1,1,1-Trichloroethane	50.000	55.286	-10.6	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.433	3.1	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	50.948	-1.9	98	0.00
36	T	1,1-Dichloropropene	50.000	56.966	-13.9	107	0.00
37	T	Ethyl Acetate	50.000	52.716	-5.4	98	-0.01
38	T	Carbon Tetrachloride	50.000	55.156	-10.3	105	0.00
39	T	Methylcyclohexane	50.000	56.934	-13.9	105	0.00
40	TM	Benzene	50.000	57.070	-14.1	106	0.00
41	T	Methacrylonitrile	50.000	54.225	-8.5	107	-0.01
42	TM	1,2-Dichloroethane	50.000	55.195	-10.4	103	0.00
43	T	Isopropyl Acetate	50.000	52.608	-5.2	96	0.00
44	TM	Trichloroethene	50.000	56.810	-13.6	104	0.00
45	C	1,2-Dichloropropane	50.000	57.342	-14.7#	108	0.00
46	T	Dibromomethane	50.000	53.538	-7.1	101	0.00
47	T	Bromodichloromethane	50.000	56.203	-12.4	105	0.00
48	T	Methyl methacrylate	50.000	53.874	-7.7	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	955.617	4.4	88	-0.02
50	S	Toluene-d8	50.000	51.307	-2.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.135	-5.3	94	0.00
52	CM	Toluene	50.000	57.557	-15.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	56.737	-13.5	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.736	-15.5	107	0.00
55	T	1,1,2-Trichloroethane	50.000	53.748	-7.5	100	0.00
56	T	Ethyl methacrylate	50.000	54.456	-8.9	97	0.00
57	T	1,3-Dichloropropane	50.000	54.834	-9.7	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.425	9.4	88	0.00
59	T	2-Hexanone	250.000	262.488	-5.0	95	0.00
60	T	Dibromochloromethane	50.000	53.598	-7.2	99	0.00
61	T	1,2-Dibromoethane	50.000	53.568	-7.1	99	0.00
62	S	4-Bromofluorobenzene	50.000	49.784	0.4	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	57.095	-14.2	100	0.00
65	PM	Chlorobenzene	50.000	57.435	-14.9	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.067	-12.1	103	0.00
67	C	Ethyl Benzene	50.000	59.026	-18.1#	107	0.00
68	T	m/p-Xylenes	100.000	117.439	-17.4	107	0.00
69	T	o-Xylene	50.000	58.746	-17.5	107	0.00
70	T	Styrene	50.000	58.087	-16.2	105	0.00
71	P	Bromoform	50.000	52.400	-4.8	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	59.989	-20.0	107	0.00
74	T	N-amyl acetate	50.000	56.311	-12.6	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.300	-4.6	100	0.00
76	T	1,2,3-Trichloropropane	50.000	49.073	1.9	89	0.00
77	T	Bromobenzene	50.000	57.333	-14.7	102	0.00
78	T	n-propylbenzene	50.000	60.112	-20.2	107	0.00
79	T	2-Chlorotoluene	50.000	59.822	-19.6	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.011	-20.0	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.844	-9.7	101	0.00
82	T	4-Chlorotoluene	50.000	59.018	-18.0	105	0.00
83	T	tert-Butylbenzene	50.000	60.390	-20.8	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.909	-19.8	105	0.00
85	T	sec-Butylbenzene	50.000	59.890	-19.8	105	0.00
86	T	p-Isopropyltoluene	50.000	60.092	-20.2	105	0.00
87	T	1,3-Dichlorobenzene	50.000	57.885	-15.8	104	0.00
88	T	1,4-Dichlorobenzene	50.000	56.885	-13.8	102	0.00
89	T	n-Butylbenzene	50.000	59.722	-19.4	105	0.00
90	T	Hexachloroethane	50.000	58.303	-16.6	103	0.00
91	T	1,2-Dichlorobenzene	50.000	56.050	-12.1	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.445	3.1	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.155	-8.3	98	0.00
94	T	Hexachlorobutadiene	50.000	52.716	-5.4	98	0.00
95	T	Naphthalene	50.000	50.488	-1.0	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.615	-1.2	91	0.00

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