Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022946.D
Acq On : 07 Jul 2025 09:08
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 08 01:41:15 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	44.471	11.1	90	0.00
3	P	Chloromethane	50.000	47.245	5.5	98	0.00
4	C	Vinyl Chloride	50.000	44.717	10.6#	88	0.00
5	T	Bromomethane	50.000	40.443	19.1	85	0.00
6	T	Chloroethane	50.000	45.459	9.1	90	0.00
7	T	Trichlorofluoromethane	50.000	44.645	10.7	87	0.00
8	T	Diethyl Ether	50.000	46.996	6.0	92	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.799	2.4	98	0.00
10	T	Methyl Iodide	50.000	52.700	-5.4	95	0.00
11	T	Tert butyl alcohol	250.000	211.961	15.2	83	0.00
12	CM	1,1-Dichloroethene	50.000	47.897	4.2#	95	-0.01
13	T	Acrolein	250.000	86.631	65.3#	35	0.00
14	T	Allyl chloride	50.000	50.437	-0.9	99	0.00
15	T	Acrylonitrile	250.000	246.227	1.5	96	-0.01
16	T	Acetone	250.000	297.244	-18.9	132	0.00
17	T	Carbon Disulfide	50.000	47.148	5.7	93	0.00
18	T	Methyl Acetate	50.000	44.534	10.9	89	0.00
19	T	Methyl tert-butyl Ether	50.000	47.301	5.4	91	-0.01
20	T	Methylene Chloride	50.000	44.396	11.2	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.190	3.6	95	-0.01
22	T	Diisopropyl ether	50.000	50.524	-1.0	98	0.00
23	T	Vinyl Acetate	250.000	254.469	-1.8	97	-0.01
24	P	1,1-Dichloroethane	50.000	49.442	1.1	96	0.00
25	T	2-Butanone	250.000	257.909	-3.2	104	0.00
26	T	2,2-Dichloropropane	50.000	51.333	-2.7	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.094	3.8	95	0.00
28	T	Bromochloromethane	50.000	50.456	-0.9	97	0.00
29	T	Tetrahydrofuran	250.000	243.613	2.6	93	0.00
30	C	Chloroform	50.000	48.220	3.6#	95	0.00
31	T	Cyclohexane	50.000	47.890	4.2	98	0.00
32	T	1,1,1-Trichloroethane	50.000	49.231	1.5	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.137	5.7	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	49.940	0.1	96	0.00
36	T	1,1-Dichloropropene	50.000	51.139	-2.3	97	0.00
37	T	Ethyl Acetate	50.000	51.513	-3.0	96	-0.01
38	T	Carbon Tetrachloride	50.000	51.067	-2.1	97	0.00
39	T	Methylcyclohexane	50.000	51.165	-2.3	95	0.00
40	TM	Benzene	50.000	51.185	-2.4	95	0.00
41	T	Methacrylonitrile	50.000	47.523	5.0	93	-0.01
42	TM	1,2-Dichloroethane	50.000	49.608	0.8	93	0.00
43	T	Isopropyl Acetate	50.000	49.895	0.2	91	0.00
44	TM	Trichloroethene	50.000	51.008	-2.0	94	0.00
45	C	1,2-Dichloropropane	50.000	51.480	-3.0#	97	0.00
46	T	Dibromomethane	50.000	49.115	1.8	93	0.00
47	T	Bromodichloromethane	50.000	50.614	-1.2	95	0.00
48	T	Methyl methacrylate	50.000	51.089	-2.2	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	934.941	6.5	87	0.00
50	S	Toluene-d8	50.000	50.139	-0.3	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.572	-3.4	92	0.00
52	CM	Toluene	50.000	50.552	-1.1#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	51.283	-2.6	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.693	-3.4	96	0.00
55	T	1,1,2-Trichloroethane	50.000	50.503	-1.0	94	0.00
56	T	Ethyl methacrylate	50.000	50.936	-1.9	91	0.00
57	T	1,3-Dichloropropane	50.000	50.446	-0.9	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.251	-1.7	100	0.00
59	T	2-Hexanone	250.000	264.491	-5.8	96	0.00
60	T	Dibromochloromethane	50.000	50.629	-1.3	93	0.00
61	T	1,2-Dibromoethane	50.000	49.744	0.5	92	0.00
62	S	4-Bromofluorobenzene	50.000	50.848	-1.7	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	51.140	-2.3	89	0.00
65	PM	Chlorobenzene	50.000	50.815	-1.6	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.822	-1.6	93	0.00
67	C	Ethyl Benzene	50.000	51.930	-3.9#	94	0.00
68	T	m/p-Xylenes	100.000	103.817	-3.8	94	0.00
69	T	o-Xylene	50.000	50.821	-1.6	93	0.00
70	T	Styrene	50.000	51.416	-2.8	92	0.00
71	P	Bromoform	50.000	49.704	0.6	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	52.248	-4.5	94	0.00
74	T	N-amyl acetate	50.000	52.406	-4.8	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.088	-2.2	99	0.00
76	T	1,2,3-Trichloropropane	50.000	46.207	7.6	85	0.00
77	T	Bromobenzene	50.000	50.787	-1.6	92	0.00
78	T	n-propylbenzene	50.000	53.318	-6.6	96	0.00
79	T	2-Chlorotoluene	50.000	52.230	-4.5	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.322	-4.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.760	-7.5	101	0.00
82	T	4-Chlorotoluene	50.000	51.285	-2.6	93	0.00
83	T	tert-Butylbenzene	50.000	53.349	-6.7	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.256	-4.5	93	0.00
85	T	sec-Butylbenzene	50.000	52.876	-5.8	94	0.00
86	T	p-Isopropyltoluene	50.000	53.394	-6.8	95	0.00
87	T	1,3-Dichlorobenzene	50.000	51.349	-2.7	93	0.00
88	T	1,4-Dichlorobenzene	50.000	50.557	-1.1	92	0.00
89	T	n-Butylbenzene	50.000	53.663	-7.3	96	0.00
90	T	Hexachloroethane	50.000	52.738	-5.5	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.695	-1.4	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.877	0.2	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.510	-1.0	92	0.00
94	T	Hexachlorobutadiene	50.000	50.704	-1.4	95	0.00
95	T	Naphthalene	50.000	49.739	0.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.170	1.7	90	0.00

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