Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
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: Jun 25 01:19:53 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	45.653	8.7	95	0.00
3	P	Chloromethane	50.000	44.886	10.2	95	0.00
4	C	Vinyl Chloride	50.000	45.647	8.7#	92	0.00
5	T	Bromomethane	50.000	43.310	13.4	93	0.00
6	T	Chloroethane	50.000	45.640	8.7	93	0.00
7	T	Trichlorofluoromethane	50.000	45.294	9.4	90	0.00
8	T	Diethyl Ether	50.000	47.942	4.1	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.692	2.6	101	0.00
10	T	Methyl Iodide	50.000	51.418	-2.8	95	0.00
11	T	Tert butyl alcohol	250.000	235.981	5.6	95	-0.03
12	CM	1,1-Dichloroethene	50.000	48.290	3.4#	98	-0.01
13	T	Acrolein	250.000	221.672	11.3	93	-0.01
14	T	Allyl chloride	50.000	49.242	1.5	99	-0.01
15	T	Acrylonitrile	250.000	246.454	1.4	98	-0.02
16	T	Acetone	250.000	294.982	-18.0	134	-0.01
17	T	Carbon Disulfide	50.000	49.095	1.8	99	0.00
18	T	Methyl Acetate	50.000	42.343	15.3	87	-0.01
19	T	Methyl tert-butyl Ether	50.000	48.885	2.2	97	-0.02
20	T	Methylene Chloride	50.000	43.322	13.4	101	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.317	3.4	97	-0.01
22	T	Diisopropyl ether	50.000	49.296	1.4	98	-0.01
23	T	Vinyl Acetate	250.000	259.134	-3.7	101	-0.01
24	P	1,1-Dichloroethane	50.000	48.913	2.2	98	-0.01
25	T	2-Butanone	250.000	259.477	-3.8	107	-0.01
26	T	2,2-Dichloropropane	50.000	51.399	-2.8	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.520	3.0	98	-0.01
28	T	Bromochloromethane	50.000	49.841	0.3	98	0.00
29	T	Tetrahydrofuran	250.000	247.100	1.2	97	0.00
30	C	Chloroform	50.000	48.595	2.8#	98	0.00
31	T	Cyclohexane	50.000	46.906	6.2	98	0.00
32	T	1,1,1-Trichloroethane	50.000	48.620	2.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.714	2.6	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	50.943	-1.9	102	0.00
36	T	1,1-Dichloropropene	50.000	50.094	-0.2	99	0.00
37	T	Ethyl Acetate	50.000	51.379	-2.8	100	-0.01
38	T	Carbon Tetrachloride	50.000	49.762	0.5	99	0.00
39	T	Methylcyclohexane	50.000	50.457	-0.9	98	0.00
40	TM	Benzene	50.000	49.742	0.5	97	0.00
41	T	Methacrylonitrile	50.000	45.834	8.3	94	-0.01
42	TM	1,2-Dichloroethane	50.000	50.394	-0.8	98	0.00
43	T	Isopropyl Acetate	50.000	50.329	-0.7	96	0.00
44	TM	Trichloroethene	50.000	48.740	2.5	93	0.00
45	C	1,2-Dichloropropane	50.000	49.962	0.1#	98	0.00
46	T	Dibromomethane	50.000	48.835	2.3	96	0.00
47	T	Bromodichloromethane	50.000	49.881	0.2	98	0.00
48	T	Methyl methacrylate	50.000	52.423	-4.8	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	957.200	4.3	93	-0.01
50	S	Toluene-d8	50.000	50.800	-1.6	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.091	-2.0	95	0.00
52	CM	Toluene	50.000	49.718	0.6#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	50.447	-0.9	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.555	-1.1	98	0.00
55	T	1,1,2-Trichloroethane	50.000	50.208	-0.4	97	0.00
56	T	Ethyl methacrylate	50.000	50.683	-1.4	94	0.00
57	T	1,3-Dichloropropane	50.000	49.515	1.0	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.063	2.0	100	0.00
59	T	2-Hexanone	250.000	262.373	-4.9	99	0.00
60	T	Dibromochloromethane	50.000	50.019	-0.0	96	0.00
61	T	1,2-Dibromoethane	50.000	49.540	0.9	96	0.00
62	S	4-Bromofluorobenzene	50.000	49.825	0.3	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	46.701	6.6	85	0.00
65	PM	Chlorobenzene	50.000	50.101	-0.2	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.354	-0.7	97	0.00
67	C	Ethyl Benzene	50.000	51.580	-3.2#	98	0.00
68	T	m/p-Xylenes	100.000	102.894	-2.9	98	0.00
69	T	o-Xylene	50.000	51.140	-2.3	97	0.00
70	T	Styrene	50.000	51.534	-3.1	97	0.00
71	P	Bromoform	50.000	49.346	1.3	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.093	-0.2	97	0.00
74	T	N-amyl acetate	50.000	51.982	-4.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.461	-2.9	107	0.00
76	T	1,2,3-Trichloropropane	50.000	49.608	0.8	98	0.00
77	T	Bromobenzene	50.000	48.825	2.3	95	0.00
78	T	n-propylbenzene	50.000	51.062	-2.1	99	0.00
79	T	2-Chlorotoluene	50.000	50.189	-0.4	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.921	-1.8	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.732	-1.5	102	0.00
82	T	4-Chlorotoluene	50.000	49.700	0.6	96	0.00
83	T	tert-Butylbenzene	50.000	50.501	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.154	-2.3	97	0.00
85	T	sec-Butylbenzene	50.000	50.919	-1.8	97	0.00
86	T	p-Isopropyltoluene	50.000	51.387	-2.8	98	0.00
87	T	1,3-Dichlorobenzene	50.000	50.062	-0.1	97	0.00
88	T	1,4-Dichlorobenzene	50.000	49.228	1.5	96	0.00
89	T	n-Butylbenzene	50.000	51.255	-2.5	98	0.00
90	T	Hexachloroethane	50.000	50.160	-0.3	97	0.00
91	T	1,2-Dichlorobenzene	50.000	48.742	2.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.813	4.4	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.191	3.6	95	0.00
94	T	Hexachlorobutadiene	50.000	48.524	3.0	98	0.00
95	T	Naphthalene	50.000	48.608	2.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.786	4.4	94	0.00

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