Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	43.409	13.2	74	0.00
3	P	Chloromethane	50.000	56.910	-13.8	97	0.00
4	C	Vinyl Chloride	50.000	59.708	-19.4#	97	0.00
5	T	Bromomethane	50.000	47.288	5.4	89	0.00
6	T	Chloroethane	50.000	56.499	-13.0	98	0.00
7	T	Trichlorofluoromethane	50.000	55.414	-10.8	93	-0.01
8	T	Diethyl Ether	50.000	51.788	-3.6	83	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.014	4.0	77	0.00
10	T	Methyl Iodide	50.000	49.555	0.9	72	0.00
11	T	Tert butyl alcohol	250.000	241.634	3.3	78	0.00
12	CM	1,1-Dichloroethene	50.000	49.369	1.3#	79	-0.01
13	T	Acrolein	250.000	208.635	16.5	68	0.00
14	T	Allyl chloride	50.000	49.032	1.9	79	-0.01
15	T	Acrylonitrile	250.000	258.303	-3.3	81	0.00
16	T	Acetone	250.000	204.010	18.4	63	0.00
17	T	Carbon Disulfide	50.000	48.945	2.1	78	0.00
18	T	Methyl Acetate	50.000	57.944	-15.9	93	-0.01
19	T	Methyl tert-butyl Ether	50.000	51.530	-3.1	82	-0.01
20	T	Methylene Chloride	50.000	48.434	3.1	86	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.234	-2.5	83	-0.01
22	T	Diisopropyl ether	50.000	50.880	-1.8	81	0.00
23	T	Vinyl Acetate	250.000	242.366	3.1	77	0.00
24	P	1,1-Dichloroethane	50.000	52.059	-4.1	84	-0.01
25	T	2-Butanone	250.000	239.934	4.0	74	0.00
26	T	2,2-Dichloropropane	50.000	44.756	10.5	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.805	-5.6	83	0.00
28	T	Bromochloromethane	50.000	52.064	-4.1	85	0.00
29	T	Tetrahydrofuran	250.000	253.372	-1.3	81	0.00
30	C	Chloroform	50.000	53.831	-7.7#	86	0.00
31	T	Cyclohexane	50.000	44.669	10.7	75	0.00
32	T	1,1,1-Trichloroethane	50.000	51.894	-3.8	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.078	-8.2	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	53.645	-7.3	83	0.00
36	T	1,1-Dichloropropene	50.000	48.169	3.7	79	0.00
37	T	Ethyl Acetate	50.000	49.427	1.1	77	0.00
38	T	Carbon Tetrachloride	50.000	48.083	3.8	78	0.00
39	T	Methylcyclohexane	50.000	45.614	8.8	75	0.00
40	TM	Benzene	50.000	51.189	-2.4	84	0.00
41	T	Methacrylonitrile	50.000	49.399	1.2	83	-0.01
42	TM	1,2-Dichloroethane	50.000	50.939	-1.9	84	0.00
43	T	Isopropyl Acetate	50.000	48.629	2.7	79	0.00
44	TM	Trichloroethene	50.000	50.618	-1.2	82	0.00
45	C	1,2-Dichloropropane	50.000	49.958	0.1#	81	0.00
46	T	Dibromomethane	50.000	51.134	-2.3	84	0.00
47	T	Bromodichloromethane	50.000	52.192	-4.4	85	0.00
48	T	Methyl methacrylate	50.000	48.502	3.0	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1033.044	-3.3	88	-0.01
50	S	Toluene-d8	50.000	52.887	-5.8	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.686	0.1	79	0.00
52	CM	Toluene	50.000	50.578	-1.2#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	48.903	2.2	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.453	1.1	80	0.00
55	T	1,1,2-Trichloroethane	50.000	51.020	-2.0	85	0.00
56	T	Ethyl methacrylate	50.000	49.541	0.9	79	0.00
57	T	1,3-Dichloropropane	50.000	51.300	-2.6	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	151.378	39.4#	50	0.00
59	T	2-Hexanone	250.000	247.844	0.9	79	0.00
60	T	Dibromochloromethane	50.000	50.462	-0.9	82	0.00
61	T	1,2-Dibromoethane	50.000	52.050	-4.1	86	0.00
62	S	4-Bromofluorobenzene	50.000	51.515	-3.0	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	53.342	-6.7	87	0.00
65	PM	Chlorobenzene	50.000	51.138	-2.3	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.813	-1.6	83	0.00
67	C	Ethyl Benzene	50.000	50.115	-0.2#	82	0.00
68	T	m/p-Xylenes	100.000	100.456	-0.5	83	0.00
69	T	o-Xylene	50.000	50.625	-1.3	84	0.00
70	T	Styrene	50.000	51.252	-2.5	83	0.00
71	P	Bromoform	50.000	50.877	-1.8	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	49.502	1.0	82	0.00
74	T	N-amyl acetate	50.000	50.310	-0.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.020	4.0	79	0.00
76	T	1,2,3-Trichloropropane	50.000	57.398	-14.8	87	0.00
77	T	Bromobenzene	50.000	50.006	-0.0	83	0.00
78	T	n-propylbenzene	50.000	49.474	1.1	82	0.00
79	T	2-Chlorotoluene	50.000	50.294	-0.6	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.832	0.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.645	14.7	72	0.00
82	T	4-Chlorotoluene	50.000	48.691	2.6	80	0.00
83	T	tert-Butylbenzene	50.000	50.683	-1.4	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.160	-0.3	84	0.00
85	T	sec-Butylbenzene	50.000	49.023	2.0	81	0.00
86	T	p-Isopropyltoluene	50.000	48.945	2.1	82	0.00
87	T	1,3-Dichlorobenzene	50.000	50.179	-0.4	85	0.00
88	T	1,4-Dichlorobenzene	50.000	49.839	0.3	83	0.00
89	T	n-Butylbenzene	50.000	48.858	2.3	80	0.00
90	T	Hexachloroethane	50.000	50.031	-0.1	83	0.00
91	T	1,2-Dichlorobenzene	50.000	50.893	-1.8	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.137	-0.3	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.174	-0.3	83	0.00
94	T	Hexachlorobutadiene	50.000	47.930	4.1	80	0.00
95	T	Naphthalene	50.000	51.402	-2.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.220	-0.4	83	0.00

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