Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
Data File : VY023039.D
Acq On : 22 Jul 2025 11:04
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 23 02:00:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	42.714	14.6	81	0.00
3	P	Chloromethane	50.000	45.202	9.6	87	0.00
4	C	Vinyl Chloride	50.000	48.063	3.9#	88	0.00
5	T	Bromomethane	50.000	46.033	7.9	90	0.00
6	T	Chloroethane	50.000	49.610	0.8	90	0.00
7	T	Trichlorofluoromethane	50.000	46.906	6.2	84	0.00
8	T	Diethyl Ether	50.000	44.355	11.3	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.561	8.9	83	0.00
10	T	Methyl Iodide	50.000	50.418	-0.8	85	0.00
11	T	Tert butyl alcohol	250.000	231.230	7.5	79	0.00
12	CM	1,1-Dichloroethene	50.000	45.994	8.0#	85	0.00
13	T	Acrolein	250.000	97.475	61.0#	63	0.00
14	T	Allyl chloride	50.000	46.648	6.7	84	0.00
15	T	Acrylonitrile	250.000	238.777	4.5	84	0.00
16	T	Acetone	250.000	216.105	13.6	84	0.00
17	T	Carbon Disulfide	50.000	45.581	8.8	84	0.00
18	T	Methyl Acetate	50.000	49.478	1.0	78	0.00
19	T	Methyl tert-butyl Ether	50.000	47.189	5.6	83	0.00
20	T	Methylene Chloride	50.000	46.493	7.0	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.826	6.3	86	0.00
22	T	Diisopropyl ether	50.000	48.970	2.1	87	0.00
23	T	Vinyl Acetate	250.000	242.856	2.9	86	0.00
24	P	1,1-Dichloroethane	50.000	47.769	4.5	86	0.00
25	T	2-Butanone	250.000	235.768	5.7	83	0.00
26	T	2,2-Dichloropropane	50.000	47.265	5.5	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.050	5.9	84	0.00
28	T	Bromochloromethane	50.000	49.109	1.8	85	0.00
29	T	Tetrahydrofuran	250.000	241.088	3.6	81	0.00
30	C	Chloroform	50.000	48.378	3.2#	88	0.00
31	T	Cyclohexane	50.000	44.787	10.4	85	0.00
32	T	1,1,1-Trichloroethane	50.000	47.185	5.6	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.727	4.5	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	47.240	5.5	82	0.00
36	T	1,1-Dichloropropene	50.000	48.205	3.6	85	0.00
37	T	Ethyl Acetate	50.000	47.808	4.4	84	0.00
38	T	Carbon Tetrachloride	50.000	47.854	4.3	85	0.00
39	T	Methylcyclohexane	50.000	47.592	4.8	84	0.00
40	TM	Benzene	50.000	48.727	2.5	86	0.00
41	T	Methacrylonitrile	50.000	53.562	-7.1	90	0.01
42	TM	1,2-Dichloroethane	50.000	49.194	1.6	85	0.00
43	T	Isopropyl Acetate	50.000	49.071	1.9	82	0.00
44	TM	Trichloroethene	50.000	47.213	5.6	83	0.00
45	C	1,2-Dichloropropane	50.000	48.265	3.5#	86	0.00
46	T	Dibromomethane	50.000	48.329	3.3	84	0.00
47	T	Bromodichloromethane	50.000	49.313	1.4	87	0.00
48	T	Methyl methacrylate	50.000	50.308	-0.6	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	953.644	4.6	80	0.00
50	S	Toluene-d8	50.000	48.088	3.8	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.182	-2.5	83	0.00
52	CM	Toluene	50.000	50.053	-0.1#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	49.205	1.6	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.352	3.3	85	0.00
55	T	1,1,2-Trichloroethane	50.000	48.985	2.0	85	0.00
56	T	Ethyl methacrylate	50.000	50.238	-0.5	83	0.00
57	T	1,3-Dichloropropane	50.000	49.284	1.4	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.871	-2.7	79	0.00
59	T	2-Hexanone	250.000	254.369	-1.7	82	0.00
60	T	Dibromochloromethane	50.000	49.555	0.9	85	0.00
61	T	1,2-Dibromoethane	50.000	48.738	2.5	84	0.00
62	S	4-Bromofluorobenzene	50.000	46.403	7.2	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	48.193	3.6	81	0.00
65	PM	Chlorobenzene	50.000	47.963	4.1	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.314	5.4	85	0.00
67	C	Ethyl Benzene	50.000	48.975	2.0#	86	0.00
68	T	m/p-Xylenes	100.000	98.220	1.8	86	0.00
69	T	o-Xylene	50.000	48.493	3.0	85	0.00
70	T	Styrene	50.000	49.451	1.1	85	0.00
71	P	Bromoform	50.000	47.188	5.6	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	47.824	4.4	85	0.00
74	T	N-amyl acetate	50.000	49.279	1.4	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.448	7.1	87	0.00
76	T	1,2,3-Trichloropropane	50.000	49.663	0.7	89	0.00
77	T	Bromobenzene	50.000	47.645	4.7	86	0.00
78	T	n-propylbenzene	50.000	49.196	1.6	87	0.00
79	T	2-Chlorotoluene	50.000	47.778	4.4	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.483	3.0	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.971	6.1	84	0.00
82	T	4-Chlorotoluene	50.000	49.179	1.6	88	0.00
83	T	tert-Butylbenzene	50.000	48.613	2.8	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.992	2.0	87	0.00
85	T	sec-Butylbenzene	50.000	48.976	2.0	87	0.00
86	T	p-Isopropyltoluene	50.000	48.654	2.7	86	0.00
87	T	1,3-Dichlorobenzene	50.000	47.173	5.7	85	0.00
88	T	1,4-Dichlorobenzene	50.000	47.328	5.3	86	0.00
89	T	n-Butylbenzene	50.000	50.000	0.0	88	0.00
90	T	Hexachloroethane	50.000	47.824	4.4	87	0.00
91	T	1,2-Dichlorobenzene	50.000	47.806	4.4	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.496	1.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.112	5.8	84	0.00
94	T	Hexachlorobutadiene	50.000	45.716	8.6	86	0.00
95	T	Naphthalene	50.000	49.339	1.3	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.839	4.3	83	0.00

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