Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023111.D
Acq On : 15 Aug 2025 08:39
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: Aug 18 02:22:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	40.637	18.7	78	0.00
3	P	Chloromethane	50.000	49.235	1.5	88	0.00
4	C	Vinyl Chloride	50.000	53.584	-7.2#	94	0.00
5	T	Bromomethane	50.000	53.970	-7.9	100	0.00
6	T	Chloroethane	50.000	55.172	-10.3	96	0.00
7	T	Trichlorofluoromethane	50.000	49.413	1.2	86	0.00
8	T	Diethyl Ether	50.000	46.730	6.5	81	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.394	1.2	86	0.00
10	T	Methyl Iodide	50.000	53.482	-7.0	85	0.00
11	T	Tert butyl alcohol	250.000	204.058	18.4	69	0.00
12	CM	1,1-Dichloroethene	50.000	48.899	2.2#	84	0.01
13	T	Acrolein	250.000	158.141	36.7#	55	0.00
14	T	Allyl chloride	50.000	48.583	2.8	83	0.00
15	T	Acrylonitrile	250.000	238.524	4.6	79	0.01
16	T	Acetone	250.000	280.645	-12.3	92	0.00
17	T	Carbon Disulfide	50.000	48.375	3.3	84	0.00
18	T	Methyl Acetate	50.000	48.336	3.3	76	0.00
19	T	Methyl tert-butyl Ether	50.000	48.411	3.2	80	0.00
20	T	Methylene Chloride	50.000	50.654	-1.3	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.676	-1.4	86	0.00
22	T	Diisopropyl ether	50.000	50.954	-1.9	85	0.00
23	T	Vinyl Acetate	250.000	245.935	1.6	82	0.00
24	P	1,1-Dichloroethane	50.000	51.394	-2.8	87	0.00
25	T	2-Butanone	250.000	253.961	-1.6	83	0.00
26	T	2,2-Dichloropropane	50.000	52.538	-5.1	89	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.356	-2.7	87	0.00
28	T	Bromochloromethane	50.000	52.898	-5.8	89	0.00
29	T	Tetrahydrofuran	250.000	237.044	5.2	78	0.00
30	C	Chloroform	50.000	52.336	-4.7#	89	0.00
31	T	Cyclohexane	50.000	47.613	4.8	85	0.00
32	T	1,1,1-Trichloroethane	50.000	51.507	-3.0	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.349	-0.7	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	51.722	-3.4	86	0.00
36	T	1,1-Dichloropropene	50.000	51.245	-2.5	86	0.00
37	T	Ethyl Acetate	50.000	48.201	3.6	78	0.00
38	T	Carbon Tetrachloride	50.000	52.395	-4.8	88	0.00
39	T	Methylcyclohexane	50.000	49.756	0.5	84	0.00
40	TM	Benzene	50.000	53.099	-6.2	89	0.00
41	T	Methacrylonitrile	50.000	51.807	-3.6	83	0.00
42	TM	1,2-Dichloroethane	50.000	52.122	-4.2	87	0.00
43	T	Isopropyl Acetate	50.000	47.653	4.7	78	0.00
44	TM	Trichloroethene	50.000	51.680	-3.4	87	0.00
45	C	1,2-Dichloropropane	50.000	53.160	-6.3#	88	0.00
46	T	Dibromomethane	50.000	52.280	-4.6	86	0.00
47	T	Bromodichloromethane	50.000	53.260	-6.5	88	0.00
48	T	Methyl methacrylate	50.000	48.387	3.2	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	949.382	5.1	77	0.00
50	S	Toluene-d8	50.000	51.612	-3.2	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.424	0.6	79	0.00
52	CM	Toluene	50.000	53.288	-6.6#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	51.512	-3.0	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.418	-4.8	86	0.00
55	T	1,1,2-Trichloroethane	50.000	51.936	-3.9	86	0.00
56	T	Ethyl methacrylate	50.000	49.477	1.0	78	0.00
57	T	1,3-Dichloropropane	50.000	51.352	-2.7	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.887	-4.4	80	0.00
59	T	2-Hexanone	250.000	255.032	-2.0	81	0.00
60	T	Dibromochloromethane	50.000	51.895	-3.8	85	0.00
61	T	1,2-Dibromoethane	50.000	50.454	-0.9	83	0.00
62	S	4-Bromofluorobenzene	50.000	50.079	-0.2	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	52.484	-5.0	87	0.00
65	PM	Chlorobenzene	50.000	52.949	-5.9	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.813	-7.6	88	0.00
67	C	Ethyl Benzene	50.000	54.111	-8.2#	87	0.00
68	T	m/p-Xylenes	100.000	108.283	-8.3	88	0.00
69	T	o-Xylene	50.000	54.193	-8.4	87	0.00
70	T	Styrene	50.000	55.770	-11.5	89	0.00
71	P	Bromoform	50.000	49.544	0.9	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	52.906	-5.8	87	0.00
74	T	N-amyl acetate	50.000	49.257	1.5	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.405	1.2	83	0.00
76	T	1,2,3-Trichloropropane	50.000	51.159	-2.3	75	0.00
77	T	Bromobenzene	50.000	50.833	-1.7	84	0.00
78	T	n-propylbenzene	50.000	54.137	-8.3	88	0.00
79	T	2-Chlorotoluene	50.000	52.993	-6.0	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.915	-7.8	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.961	2.1	80	0.00
82	T	4-Chlorotoluene	50.000	52.611	-5.2	87	0.00
83	T	tert-Butylbenzene	50.000	52.171	-4.3	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.277	-8.6	88	0.00
85	T	sec-Butylbenzene	50.000	53.143	-6.3	87	0.00
86	T	p-Isopropyltoluene	50.000	54.334	-8.7	88	0.00
87	T	1,3-Dichlorobenzene	50.000	52.641	-5.3	88	0.00
88	T	1,4-Dichlorobenzene	50.000	51.501	-3.0	86	0.00
89	T	n-Butylbenzene	50.000	53.939	-7.9	87	0.00
90	T	Hexachloroethane	50.000	53.061	-6.1	88	0.00
91	T	1,2-Dichlorobenzene	50.000	51.489	-3.0	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.839	4.3	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.042	7.9	76	0.00
94	T	Hexachlorobutadiene	50.000	46.578	6.8	78	0.00
95	T	Naphthalene	50.000	45.340	9.3	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.784	8.4	77	0.00

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