Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
Data File : VY023252.D
Acq On : 02 Sep 2025 08:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 03 03:26:00 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	42.987	14.0	89	0.00
3	P	Chloromethane	50.000	41.771	16.5	80	0.00
4	C	Vinyl Chloride	50.000	43.619	12.8#	82	0.01
5	T	Bromomethane	50.000	45.318	9.4	90	0.00
6	T	Chloroethane	50.000	46.416	7.2	86	0.01
7	T	Trichlorofluoromethane	50.000	47.228	5.5	88	0.01
8	T	Diethyl Ether	50.000	46.780	6.4	86	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.086	-4.2	98	0.02
10	T	Methyl Iodide	50.000	56.403	-12.8	96	0.01
11	T	Tert butyl alcohol	250.000	268.739	-7.5	97	0.00
12	CM	1,1-Dichloroethene	50.000	50.190	-0.4#	92	0.01
13	T	Acrolein	250.000	39.684	84.1#	15	0.00
14	T	Allyl chloride	50.000	45.512	9.0	83	0.01
15	T	Acrylonitrile	250.000	235.373	5.9	84	0.01
16	T	Acetone	250.000	283.254	-13.3	100	0.01
17	T	Carbon Disulfide	50.000	45.494	9.0	85	0.01
18	T	Methyl Acetate	50.000	47.767	4.5	80	0.01
19	T	Methyl tert-butyl Ether	50.000	47.852	4.3	85	0.00
20	T	Methylene Chloride	50.000	52.702	-5.4	98	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.520	-3.0	94	0.01
22	T	Diisopropyl ether	50.000	47.563	4.9	86	0.00
23	T	Vinyl Acetate	250.000	226.220	9.5	81	0.01
24	P	1,1-Dichloroethane	50.000	49.613	0.8	90	0.00
25	T	2-Butanone	250.000	242.343	3.1	85	0.01
26	T	2,2-Dichloropropane	50.000	52.139	-4.3	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.742	-3.5	94	0.01
28	T	Bromochloromethane	50.000	47.273	5.5	86	0.00
29	T	Tetrahydrofuran	250.000	218.564	12.6	77	0.01
30	C	Chloroform	50.000	51.990	-4.0#	95	0.00
31	T	Cyclohexane	50.000	43.621	12.8	84	0.00
32	T	1,1,1-Trichloroethane	50.000	52.051	-4.1	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.832	6.3	85	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	54.854	-9.7	91	0.00
36	T	1,1-Dichloropropene	50.000	54.258	-8.5	90	0.01
37	T	Ethyl Acetate	50.000	47.755	4.5	77	0.00
38	T	Carbon Tetrachloride	50.000	57.140	-14.3	96	0.00
39	T	Methylcyclohexane	50.000	52.536	-5.1	88	0.00
40	TM	Benzene	50.000	55.436	-10.9	92	0.01
41	T	Methacrylonitrile	50.000	48.025	4.0	77	0.00
42	TM	1,2-Dichloroethane	50.000	52.643	-5.3	88	0.00
43	T	Isopropyl Acetate	50.000	46.913	6.2	77	0.00
44	TM	Trichloroethene	50.000	59.142	-18.3	100	0.00
45	C	1,2-Dichloropropane	50.000	54.263	-8.5#	90	0.00
46	T	Dibromomethane	50.000	56.219	-12.4	93	0.00
47	T	Bromodichloromethane	50.000	55.944	-11.9	92	0.00
48	T	Methyl methacrylate	50.000	46.547	6.9	73	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1061.974	-6.2	86	0.00
50	S	Toluene-d8	50.000	54.466	-8.9	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.566	1.4	78	0.00
52	CM	Toluene	50.000	56.940	-13.9#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	53.650	-7.3	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.315	-8.6	89	0.00
55	T	1,1,2-Trichloroethane	50.000	56.274	-12.5	93	0.00
56	T	Ethyl methacrylate	50.000	50.903	-1.8	80	0.00
57	T	1,3-Dichloropropane	50.000	53.681	-7.4	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.384	2.2	75	0.00
59	T	2-Hexanone	250.000	259.655	-3.9	82	0.00
60	T	Dibromochloromethane	50.000	58.260	-16.5	95	0.00
61	T	1,2-Dibromoethane	50.000	55.524	-11.0	91	0.01
62	S	4-Bromofluorobenzene	50.000	54.376	-8.8	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.01
64	T	Tetrachloroethene	50.000	65.501	-31.0#	111	0.00
65	PM	Chlorobenzene	50.000	56.238	-12.5	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.333	-16.7	98	0.00
67	C	Ethyl Benzene	50.000	55.597	-11.2#	92	0.01
68	T	m/p-Xylenes	100.000	113.655	-13.7	95	0.00
69	T	o-Xylene	50.000	56.292	-12.6	92	0.00
70	T	Styrene	50.000	57.677	-15.4	94	0.00
71	P	Bromoform	50.000	57.712	-15.4	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	54.612	-9.2	93	0.00
74	T	N-amyl acetate	50.000	45.023	10.0	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.446	5.1	83	0.00
76	T	1,2,3-Trichloropropane	50.000	48.887	2.2	75	0.00
77	T	Bromobenzene	50.000	56.192	-12.4	97	0.01
78	T	n-propylbenzene	50.000	54.372	-8.7	92	0.00
79	T	2-Chlorotoluene	50.000	53.847	-7.7	92	0.01
80	T	1,3,5-Trimethylbenzene	50.000	55.400	-10.8	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.683	2.6	83	0.00
82	T	4-Chlorotoluene	50.000	54.672	-9.3	94	0.01
83	T	tert-Butylbenzene	50.000	55.046	-10.1	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.308	-10.6	94	0.00
85	T	sec-Butylbenzene	50.000	55.205	-10.4	94	0.00
86	T	p-Isopropyltoluene	50.000	56.319	-12.6	95	0.00
87	T	1,3-Dichlorobenzene	50.000	57.043	-14.1	100	0.00
88	T	1,4-Dichlorobenzene	50.000	55.878	-11.8	97	0.00
89	T	n-Butylbenzene	50.000	54.450	-8.9	91	0.01
90	T	Hexachloroethane	50.000	56.760	-13.5	98	0.01
91	T	1,2-Dichlorobenzene	50.000	56.435	-12.9	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.741	6.5	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.137	-12.3	97	0.00
94	T	Hexachlorobutadiene	50.000	59.191	-18.4	103	0.00
95	T	Naphthalene	50.000	52.723	-5.4	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.065	-12.1	98	0.00

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