Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023382.D
Acq On : 25 Sep 2025 18:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 04:28:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	40.104	19.8	89	0.00
3	P	Chloromethane	50.000	45.513	9.0	99	0.00
4	C	Vinyl Chloride	50.000	45.534	8.9#	96	0.00
5	T	Bromomethane	50.000	45.441	9.1	102	0.00
6	T	Chloroethane	50.000	47.145	5.7	99	0.01
7	T	Trichlorofluoromethane	50.000	44.903	10.2	96	0.00
8	T	Diethyl Ether	50.000	49.062	1.9	101	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.040	11.9	93	0.01
10	T	Methyl Iodide	50.000	46.222	7.6	88	0.01
11	T	Tert butyl alcohol	250.000	296.059	-18.4	125	0.00
12	CM	1,1-Dichloroethene	50.000	45.510	9.0#	95	0.01
13	T	Acrolein	250.000	60.489	75.8#	26	0.00
14	T	Allyl chloride	50.000	45.667	8.7	93	0.00
15	T	Acrylonitrile	250.000	237.932	4.8	98	0.01
16	T	Acetone	250.000	166.603	33.4#	68	0.01
17	T	Carbon Disulfide	50.000	42.251	15.5	88	0.00
18	T	Methyl Acetate	50.000	70.641	-41.3#	151	0.00
19	T	Methyl tert-butyl Ether	50.000	50.963	-1.9	102	0.00
20	T	Methylene Chloride	50.000	50.746	-1.5	110	0.01
21	T	trans-1,2-Dichloroethene	50.000	46.937	6.1	97	0.01
22	T	Diisopropyl ether	50.000	47.445	5.1	94	0.00
23	T	Vinyl Acetate	250.000	211.337	15.5	83	0.01
24	P	1,1-Dichloroethane	50.000	46.508	7.0	97	0.00
25	T	2-Butanone	250.000	218.218	12.7	89	0.01
26	T	2,2-Dichloropropane	50.000	41.777	16.4	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.812	2.4	100	0.00
28	T	Bromochloromethane	50.000	41.259	17.5	87	0.00
29	T	Tetrahydrofuran	250.000	246.114	1.6	99	0.00
30	C	Chloroform	50.000	47.609	4.8#	99	0.00
31	T	Cyclohexane	50.000	42.452	15.1	91	0.00
32	T	1,1,1-Trichloroethane	50.000	46.596	6.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.112	7.8	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	47.410	5.2	97	0.00
36	T	1,1-Dichloropropene	50.000	45.331	9.3	94	0.00
37	T	Ethyl Acetate	50.000	44.126	11.7	92	0.00
38	T	Carbon Tetrachloride	50.000	45.967	8.1	96	0.00
39	T	Methylcyclohexane	50.000	46.148	7.7	93	0.00
40	TM	Benzene	50.000	46.834	6.3	97	0.00
41	T	Methacrylonitrile	50.000	50.910	-1.8	105	0.00
42	TM	1,2-Dichloroethane	50.000	47.201	5.6	99	0.00
43	T	Isopropyl Acetate	50.000	46.505	7.0	94	0.00
44	TM	Trichloroethene	50.000	46.921	6.2	97	0.00
45	C	1,2-Dichloropropane	50.000	47.079	5.8#	98	0.00
46	T	Dibromomethane	50.000	48.043	3.9	99	0.00
47	T	Bromodichloromethane	50.000	47.846	4.3	99	0.00
48	T	Methyl methacrylate	50.000	49.433	1.1	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1086.025	-8.6	113	0.00
50	S	Toluene-d8	50.000	48.019	4.0	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	252.143	-0.9	100	0.00
52	CM	Toluene	50.000	48.388	3.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	48.275	3.5	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.068	3.9	97	0.00
55	T	1,1,2-Trichloroethane	50.000	48.835	2.3	101	0.00
56	T	Ethyl methacrylate	50.000	52.432	-4.9	101	0.00
57	T	1,3-Dichloropropane	50.000	48.857	2.3	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.730	-12.3	104	0.00
59	T	2-Hexanone	250.000	241.055	3.6	95	0.00
60	T	Dibromochloromethane	50.000	49.951	0.1	102	0.00
61	T	1,2-Dibromoethane	50.000	50.091	-0.2	103	0.00
62	S	4-Bromofluorobenzene	50.000	50.691	-1.4	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	46.369	7.3	96	0.00
65	PM	Chlorobenzene	50.000	47.504	5.0	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.888	4.2	101	0.00
67	C	Ethyl Benzene	50.000	48.118	3.8#	97	0.00
68	T	m/p-Xylenes	100.000	96.399	3.6	97	0.00
69	T	o-Xylene	50.000	49.579	0.8	99	0.00
70	T	Styrene	50.000	50.196	-0.4	99	0.00
71	P	Bromoform	50.000	48.820	2.4	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73	T	Isopropylbenzene	50.000	46.199	7.6	98	0.00
74	T	N-amyl acetate	50.000	42.779	14.4	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.096	7.8	105	0.00
76	T	1,2,3-Trichloropropane	50.000	44.180	11.6	98	0.00
77	T	Bromobenzene	50.000	46.998	6.0	103	0.00
78	T	n-propylbenzene	50.000	45.653	8.7	96	0.00
79	T	2-Chlorotoluene	50.000	46.011	8.0	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.663	6.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.926	14.1	96	0.00
82	T	4-Chlorotoluene	50.000	45.312	9.4	99	0.00
83	T	tert-Butylbenzene	50.000	47.305	5.4	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.363	5.3	99	0.00
85	T	sec-Butylbenzene	50.000	46.064	7.9	98	0.00
86	T	p-Isopropyltoluene	50.000	46.809	6.4	98	0.00
87	T	1,3-Dichlorobenzene	50.000	45.708	8.6	100	0.00
88	T	1,4-Dichlorobenzene	50.000	44.938	10.1	100	0.00
89	T	n-Butylbenzene	50.000	45.977	8.0	96	0.00
90	T	Hexachloroethane	50.000	44.592	10.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	45.927	8.1	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.261	3.5	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.295	1.4	105	0.00
94	T	Hexachlorobutadiene	50.000	45.635	8.7	100	0.00
95	T	Naphthalene	50.000	52.109	-4.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.514	1.0	106	0.00

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