Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
Data File : VY023013.D
Acq On : 18 Jul 2025 21:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:47:05 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	75	0.00
2	T	Dichlorodifluoromethane	50.000	43.876	12.2	76	0.00
3	P	Chloromethane	50.000	59.231	-18.5	104	0.00
4	C	Vinyl Chloride	50.000	57.002	-14.0#	95	0.00
5	T	Bromomethane	50.000	62.514	-25.0#	112	0.00
6	T	Chloroethane	50.000	60.674	-21.3	100	0.00
7	T	Trichlorofluoromethane	50.000	54.329	-8.7	89	0.00
8	T	Diethyl Ether	50.000	53.057	-6.1	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.321	5.4	79	0.00
10	T	Methyl Iodide	50.000	49.563	0.9	76	0.00
11	T	Tert butyl alcohol	250.000	307.901	-23.2	97	0.02
12	CM	1,1-Dichloroethene	50.000	46.929	6.1#	79	0.00
13	T	Acrolein	250.000	156.327	37.5#	92	0.00
14	T	Allyl chloride	50.000	50.025	-0.0	82	0.00
15	T	Acrylonitrile	250.000	312.136	-24.9	101	0.00
16	T	Acetone	250.000	261.129	-4.5	93	0.01
17	T	Carbon Disulfide	50.000	47.733	4.5	80	0.00
18	T	Methyl Acetate	50.000	73.334	-46.7#	106	0.00
19	T	Methyl tert-butyl Ether	50.000	57.557	-15.1	93	0.00
20	T	Methylene Chloride	50.000	55.283	-10.6	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.098	1.8	82	0.00
22	T	Diisopropyl ether	50.000	55.360	-10.7	90	0.00
23	T	Vinyl Acetate	250.000	290.523	-16.2	94	0.00
24	P	1,1-Dichloroethane	50.000	51.640	-3.3	85	0.00
25	T	2-Butanone	250.000	310.560	-24.2	100	0.00
26	T	2,2-Dichloropropane	50.000	44.197	11.6	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.944	-1.9	83	0.00
28	T	Bromochloromethane	50.000	56.337	-12.7	89	0.00
29	T	Tetrahydrofuran	250.000	332.560	-33.0#	103	0.00
30	C	Chloroform	50.000	52.587	-5.2#	87	0.00
31	T	Cyclohexane	50.000	46.489	7.0	80	0.00
32	T	1,1,1-Trichloroethane	50.000	49.245	1.5	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	59.671	-19.3	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	52.613	-5.2	88	0.00
36	T	1,1-Dichloropropene	50.000	48.175	3.7	81	0.00
37	T	Ethyl Acetate	50.000	59.479	-19.0	99	0.00
38	T	Carbon Tetrachloride	50.000	46.638	6.7	79	0.00
39	T	Methylcyclohexane	50.000	46.332	7.3	78	0.00
40	TM	Benzene	50.000	50.962	-1.9	86	0.00
41	T	Methacrylonitrile	50.000	62.602	-25.2#	101	0.00
42	TM	1,2-Dichloroethane	50.000	56.192	-12.4	93	0.00
43	T	Isopropyl Acetate	50.000	62.492	-25.0	100	0.00
44	TM	Trichloroethene	50.000	48.241	3.5	81	0.00
45	C	1,2-Dichloropropane	50.000	51.456	-2.9#	88	0.00
46	T	Dibromomethane	50.000	55.711	-11.4	92	0.00
47	T	Bromodichloromethane	50.000	52.581	-5.2	89	0.00
48	T	Methyl methacrylate	50.000	61.977	-24.0	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1302.771	-30.3#	104	0.01
50	S	Toluene-d8	50.000	51.260	-2.5	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	332.819	-33.1#	103	0.00
52	CM	Toluene	50.000	50.957	-1.9#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	53.962	-7.9	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.650	-3.3	86	0.00
55	T	1,1,2-Trichloroethane	50.000	57.023	-14.0	95	0.00
56	T	Ethyl methacrylate	50.000	61.668	-23.3	97	0.00
57	T	1,3-Dichloropropane	50.000	57.137	-14.3	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	317.300	-26.9#	94	0.00
59	T	2-Hexanone	250.000	332.267	-32.9#	102	0.00
60	T	Dibromochloromethane	50.000	56.249	-12.5	92	0.00
61	T	1,2-Dibromoethane	50.000	58.364	-16.7	96	0.00
62	S	4-Bromofluorobenzene	50.000	52.830	-5.7	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	47.704	4.6	79	0.00
65	PM	Chlorobenzene	50.000	48.192	3.6	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.218	1.6	88	0.00
67	C	Ethyl Benzene	50.000	48.092	3.8#	84	0.00
68	T	m/p-Xylenes	100.000	95.970	4.0	83	0.00
69	T	o-Xylene	50.000	48.691	2.6	85	0.00
70	T	Styrene	50.000	51.144	-2.3	88	0.00
71	P	Bromoform	50.000	54.515	-9.0	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	43.551	12.9	81	0.00
74	T	N-amyl acetate	50.000	55.697	-11.4	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.314	-4.6	102	0.00
76	T	1,2,3-Trichloropropane	50.000	48.340	3.3	90	0.00
77	T	Bromobenzene	50.000	46.319	7.4	87	0.00
78	T	n-propylbenzene	50.000	43.562	12.9	80	0.00
79	T	2-Chlorotoluene	50.000	44.577	10.8	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.746	10.5	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.960	0.1	93	0.00
82	T	4-Chlorotoluene	50.000	45.812	8.4	85	0.00
83	T	tert-Butylbenzene	50.000	43.702	12.6	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.601	8.8	84	0.00
85	T	sec-Butylbenzene	50.000	42.792	14.4	79	0.00
86	T	p-Isopropyltoluene	50.000	43.220	13.6	79	0.00
87	T	1,3-Dichlorobenzene	50.000	45.562	8.9	86	0.00
88	T	1,4-Dichlorobenzene	50.000	45.571	8.9	86	0.00
89	T	n-Butylbenzene	50.000	41.930	16.1	77	0.00
90	T	Hexachloroethane	50.000	43.138	13.7	82	0.00
91	T	1,2-Dichlorobenzene	50.000	47.745	4.5	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.609	-17.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.196	7.6	85	0.00
94	T	Hexachlorobutadiene	50.000	36.947	26.1#	72	0.00
95	T	Naphthalene	50.000	56.191	-12.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.139	1.7	89	0.00

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