Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
Data File : VW031889.D
Acq On : 17 Jul 2025 15:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 18 02:53:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	57.252	-14.5	111	0.01
3	P	Chloromethane	50.000	64.478	-29.0#	124	0.00
4	C	Vinyl Chloride	50.000	56.196	-12.4#	104	0.00
5	T	Bromomethane	50.000	48.398	3.2	91	0.00
6	T	Chloroethane	50.000	52.939	-5.9	99	0.01
7	T	Trichlorofluoromethane	50.000	53.181	-6.4	98	0.00
8	T	Diethyl Ether	50.000	58.527	-17.1	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.347	-4.7	99	0.00
10	T	Methyl Iodide	50.000	46.842	6.3	85	0.00
11	T	Tert butyl alcohol	250.000	304.117	-21.6	102	0.01
12	CM	1,1-Dichloroethene	50.000	53.862	-7.7#	102	0.00
13	T	Acrolein	250.000	248.572	0.6	84	0.00
14	T	Allyl chloride	50.000	51.159	-2.3	92	0.00
15	T	Acrylonitrile	250.000	297.735	-19.1	101	0.00
16	T	Acetone	250.000	228.010	8.8	88	0.01
17	T	Carbon Disulfide	50.000	50.429	-0.9	92	0.00
18	T	Methyl Acetate	50.000	49.365	1.3	84	0.00
19	T	Methyl tert-butyl Ether	50.000	61.489	-23.0	106	0.01
20	T	Methylene Chloride	50.000	52.094	-4.2	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.413	-10.8	101	0.00
22	T	Diisopropyl ether	50.000	61.882	-23.8	108	0.00
23	T	Vinyl Acetate	250.000	333.223	-33.3#	114	0.00
24	P	1,1-Dichloroethane	50.000	58.296	-16.6	107	0.00
25	T	2-Butanone	250.000	313.357	-25.3#	103	0.00
26	T	2,2-Dichloropropane	50.000	43.886	12.2	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.971	-19.9	108	0.00
28	T	Bromochloromethane	50.000	58.189	-16.4	104	0.00
29	T	Tetrahydrofuran	250.000	320.884	-28.4#	107	0.00
30	C	Chloroform	50.000	59.715	-19.4#	107	0.00
31	T	Cyclohexane	50.000	53.079	-6.2	102	0.00
32	T	1,1,1-Trichloroethane	50.000	51.943	-3.9	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.480	-15.0	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	50.494	-1.0	100	0.00
36	T	1,1-Dichloropropene	50.000	51.011	-2.0	104	0.00
37	T	Ethyl Acetate	50.000	57.425	-14.8	111	0.00
38	T	Carbon Tetrachloride	50.000	47.824	4.4	98	0.00
39	T	Methylcyclohexane	50.000	53.371	-6.7	109	0.00
40	TM	Benzene	50.000	54.068	-8.1	108	0.00
41	T	Methacrylonitrile	50.000	60.357	-20.7	108	0.00
42	TM	1,2-Dichloroethane	50.000	55.216	-10.4	110	0.00
43	T	Isopropyl Acetate	50.000	59.735	-19.5	112	0.00
44	TM	Trichloroethene	50.000	48.388	3.2	96	0.00
45	C	1,2-Dichloropropane	50.000	54.283	-8.6#	109	0.00
46	T	Dibromomethane	50.000	57.339	-14.7	112	0.00
47	T	Bromodichloromethane	50.000	54.657	-9.3	107	0.00
48	T	Methyl methacrylate	50.000	58.257	-16.5	111	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1271.049	-27.1#	125	0.00
50	S	Toluene-d8	50.000	50.494	-1.0	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.343	-16.5	108	0.00
52	CM	Toluene	50.000	53.611	-7.2#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	56.015	-12.0	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.162	-10.3	107	0.00
55	T	1,1,2-Trichloroethane	50.000	56.672	-13.3	111	0.00
56	T	Ethyl methacrylate	50.000	65.165	-30.3#	121	0.00
57	T	1,3-Dichloropropane	50.000	56.565	-13.1	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	292.238	-16.9	109	0.00
59	T	2-Hexanone	250.000	301.208	-20.5	108	0.00
60	T	Dibromochloromethane	50.000	53.246	-6.5	101	0.00
61	T	1,2-Dibromoethane	50.000	56.628	-13.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	55.299	-10.6	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	44.457	11.1	92	0.00
65	PM	Chlorobenzene	50.000	53.467	-6.9	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.587	-7.2	107	0.00
67	C	Ethyl Benzene	50.000	53.892	-7.8#	108	0.00
68	T	m/p-Xylenes	100.000	106.098	-6.1	106	0.00
69	T	o-Xylene	50.000	55.582	-11.2	110	0.00
70	T	Styrene	50.000	56.138	-12.3	108	0.00
71	P	Bromoform	50.000	50.934	-1.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	53.031	-6.1	108	0.00
74	T	N-amyl acetate	50.000	62.688	-25.4#	120	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.172	-12.3	112	0.00
76	T	1,2,3-Trichloropropane	50.000	55.640	-11.3	110	0.00
77	T	Bromobenzene	50.000	52.388	-4.8	113	0.00
78	T	n-propylbenzene	50.000	52.630	-5.3	107	0.00
79	T	2-Chlorotoluene	50.000	53.591	-7.2	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.474	-6.9	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.371	-6.7	101	0.00
82	T	4-Chlorotoluene	50.000	52.012	-4.0	106	0.00
83	T	tert-Butylbenzene	50.000	54.179	-8.4	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.868	-3.7	106	0.00
85	T	sec-Butylbenzene	50.000	51.337	-2.7	104	0.00
86	T	p-Isopropyltoluene	50.000	52.247	-4.5	106	0.00
87	T	1,3-Dichlorobenzene	50.000	50.063	-0.1	103	0.00
88	T	1,4-Dichlorobenzene	50.000	49.098	1.8	100	0.00
89	T	n-Butylbenzene	50.000	52.354	-4.7	106	0.00
90	T	Hexachloroethane	50.000	49.971	0.1	101	0.00
91	T	1,2-Dichlorobenzene	50.000	51.952	-3.9	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.598	-7.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.063	-2.1	105	0.00
94	T	Hexachlorobutadiene	50.000	45.636	8.7	102	0.00
95	T	Naphthalene	50.000	61.178	-22.4	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.732	-5.5	107	0.00

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