Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023214.D
Acq On : 28 Aug 2025 09:03
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 29 02:05:37 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	42.708	14.6	101	0.00
3	P	Chloromethane	50.000	41.168	17.7	90	0.00
4	C	Vinyl Chloride	50.000	43.880	12.2#	94	0.01
5	T	Bromomethane	50.000	44.537	10.9	101	0.00
6	T	Chloroethane	50.000	45.544	8.9	97	0.01
7	T	Trichlorofluoromethane	50.000	46.876	6.2	100	0.01
8	T	Diethyl Ether	50.000	46.498	7.0	98	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.880	-1.8	109	0.01
10	T	Methyl Iodide	50.000	55.012	-10.0	107	0.01
11	T	Tert butyl alcohol	250.000	257.913	-3.2	107	0.00
12	CM	1,1-Dichloroethene	50.000	50.501	-1.0#	106	0.01
13	T	Acrolein	250.000	51.771	79.3#	22	0.00
14	T	Allyl chloride	50.000	45.555	8.9	95	0.01
15	T	Acrylonitrile	250.000	223.070	10.8	91	0.01
16	T	Acetone	250.000	254.681	-1.9	102	0.01
17	T	Carbon Disulfide	50.000	45.771	8.5	97	0.01
18	T	Methyl Acetate	50.000	41.410	17.2	79	0.00
19	T	Methyl tert-butyl Ether	50.000	46.620	6.8	95	0.01
20	T	Methylene Chloride	50.000	49.006	2.0	104	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.350	-0.7	105	0.02
22	T	Diisopropyl ether	50.000	46.999	6.0	96	0.00
23	T	Vinyl Acetate	250.000	227.398	9.0	93	0.01
24	P	1,1-Dichloroethane	50.000	48.768	2.5	101	0.01
25	T	2-Butanone	250.000	226.278	9.5	90	0.01
26	T	2,2-Dichloropropane	50.000	51.668	-3.3	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.829	-1.7	105	0.01
28	T	Bromochloromethane	50.000	43.610	12.8	90	0.00
29	T	Tetrahydrofuran	250.000	209.726	16.1	84	0.01
30	C	Chloroform	50.000	49.720	0.6#	103	0.00
31	T	Cyclohexane	50.000	44.919	10.2	98	0.01
32	T	1,1,1-Trichloroethane	50.000	51.073	-2.1	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.289	15.4	88	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	48.190	3.6	94	0.01
36	T	1,1-Dichloropropene	50.000	52.071	-4.1	102	0.00
37	T	Ethyl Acetate	50.000	45.235	9.5	86	0.00
38	T	Carbon Tetrachloride	50.000	54.588	-9.2	108	0.00
39	T	Methylcyclohexane	50.000	52.539	-5.1	104	0.00
40	TM	Benzene	50.000	52.330	-4.7	102	0.01
41	T	Methacrylonitrile	50.000	43.788	12.4	82	0.00
42	TM	1,2-Dichloroethane	50.000	48.938	2.1	96	0.00
43	T	Isopropyl Acetate	50.000	45.435	9.1	88	0.00
44	TM	Trichloroethene	50.000	56.258	-12.5	111	0.00
45	C	1,2-Dichloropropane	50.000	51.190	-2.4#	100	0.00
46	T	Dibromomethane	50.000	51.367	-2.7	99	0.00
47	T	Bromodichloromethane	50.000	51.895	-3.8	100	0.00
48	T	Methyl methacrylate	50.000	45.346	9.3	83	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	918.124	8.2	88	0.00
50	S	Toluene-d8	50.000	48.285	3.4	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	232.142	7.1	87	0.00
52	CM	Toluene	50.000	54.028	-8.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	51.578	-3.2	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.654	-3.3	99	0.00
55	T	1,1,2-Trichloroethane	50.000	51.410	-2.8	99	0.00
56	T	Ethyl methacrylate	50.000	50.950	-1.9	94	0.00
57	T	1,3-Dichloropropane	50.000	50.467	-0.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	215.441	13.8	78	0.00
59	T	2-Hexanone	250.000	240.449	3.8	89	0.00
60	T	Dibromochloromethane	50.000	53.251	-6.5	102	0.00
61	T	1,2-Dibromoethane	50.000	51.705	-3.4	99	0.01
62	S	4-Bromofluorobenzene	50.000	47.411	5.2	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.01
64	T	Tetrachloroethene	50.000	63.101	-26.2#	121	0.00
65	PM	Chlorobenzene	50.000	54.517	-9.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.483	-11.0	105	0.00
67	C	Ethyl Benzene	50.000	54.865	-9.7#	102	0.00
68	T	m/p-Xylenes	100.000	111.591	-11.6	105	0.00
69	T	o-Xylene	50.000	55.995	-12.0	103	0.00
70	T	Styrene	50.000	56.368	-12.7	104	0.00
71	P	Bromoform	50.000	54.582	-9.2	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	56.707	-13.4	106	0.00
74	T	N-amyl acetate	50.000	47.310	5.4	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.937	8.1	88	0.00
76	T	1,2,3-Trichloropropane	50.000	47.686	4.6	80	0.00
77	T	Bromobenzene	50.000	55.072	-10.1	104	0.01
78	T	n-propylbenzene	50.000	56.370	-12.7	104	0.00
79	T	2-Chlorotoluene	50.000	54.919	-9.8	103	0.01
80	T	1,3,5-Trimethylbenzene	50.000	56.427	-12.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.498	-3.0	96	0.00
82	T	4-Chlorotoluene	50.000	53.936	-7.9	101	0.01
83	T	tert-Butylbenzene	50.000	56.496	-13.0	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.157	-12.3	104	0.00
85	T	sec-Butylbenzene	50.000	56.942	-13.9	106	0.00
86	T	p-Isopropyltoluene	50.000	57.691	-15.4	106	0.00
87	T	1,3-Dichlorobenzene	50.000	55.474	-10.9	106	0.00
88	T	1,4-Dichlorobenzene	50.000	54.782	-9.6	104	0.00
89	T	n-Butylbenzene	50.000	56.594	-13.2	104	0.00
90	T	Hexachloroethane	50.000	56.605	-13.2	107	0.00
91	T	1,2-Dichlorobenzene	50.000	54.697	-9.4	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.288	7.4	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.347	-6.7	101	0.00
94	T	Hexachlorobutadiene	50.000	56.735	-13.5	108	0.00
95	T	Naphthalene	50.000	50.601	-1.2	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.515	-5.0	100	0.00

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