Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022850.D
Acq On : 26 Jun 2025 15:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 27 01:29:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	44.756	10.5	87	0.00
3	P	Chloromethane	50.000	40.123	19.8	80	0.00
4	C	Vinyl Chloride	50.000	43.027	13.9#	81	0.00
5	T	Bromomethane	50.000	42.348	15.3	85	0.00
6	T	Chloroethane	50.000	43.686	12.6	83	0.00
7	T	Trichlorofluoromethane	50.000	43.109	13.8	81	0.00
8	T	Diethyl Ether	50.000	44.905	10.2	85	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.025	4.0	93	0.00
10	T	Methyl Iodide	50.000	53.040	-6.1	92	0.00
11	T	Tert butyl alcohol	250.000	180.005	28.0#	68	-0.02
12	CM	1,1-Dichloroethene	50.000	48.360	3.3#	92	-0.01
13	T	Acrolein	250.000	154.138	38.3#	61	0.00
14	T	Allyl chloride	50.000	46.973	6.1	89	0.00
15	T	Acrylonitrile	250.000	209.539	16.2	78	-0.01
16	T	Acetone	250.000	272.566	-9.0	116	0.00
17	T	Carbon Disulfide	50.000	47.212	5.6	89	0.00
18	T	Methyl Acetate	50.000	35.476	29.0#	68	-0.01
19	T	Methyl tert-butyl Ether	50.000	44.329	11.3	82	-0.01
20	T	Methylene Chloride	50.000	43.404	13.2	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.209	5.6	89	0.00
22	T	Diisopropyl ether	50.000	46.856	6.3	87	0.00
23	T	Vinyl Acetate	250.000	227.279	9.1	83	0.00
24	P	1,1-Dichloroethane	50.000	47.576	4.8	89	0.00
25	T	2-Butanone	250.000	227.244	9.1	88	0.00
26	T	2,2-Dichloropropane	50.000	50.283	-0.6	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.645	4.7	90	0.00
28	T	Bromochloromethane	50.000	46.272	7.5	85	0.00
29	T	Tetrahydrofuran	250.000	201.816	19.3	74	0.00
30	C	Chloroform	50.000	46.919	6.2#	89	0.00
31	T	Cyclohexane	50.000	46.282	7.4	91	0.00
32	T	1,1,1-Trichloroethane	50.000	48.118	3.8	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.443	9.1	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	48.662	2.7	91	0.00
36	T	1,1-Dichloropropene	50.000	49.743	0.5	91	0.00
37	T	Ethyl Acetate	50.000	42.705	14.6	77	0.00
38	T	Carbon Tetrachloride	50.000	49.932	0.1	92	0.00
39	T	Methylcyclohexane	50.000	51.355	-2.7	92	0.00
40	TM	Benzene	50.000	49.384	1.2	89	0.00
41	T	Methacrylonitrile	50.000	39.437	21.1	75	0.00
42	TM	1,2-Dichloroethane	50.000	46.825	6.3	85	0.00
43	T	Isopropyl Acetate	50.000	43.147	13.7	76	0.00
44	TM	Trichloroethene	50.000	49.718	0.6	89	0.00
45	C	1,2-Dichloropropane	50.000	48.566	2.9#	89	0.00
46	T	Dibromomethane	50.000	45.491	9.0	83	0.00
47	T	Bromodichloromethane	50.000	47.982	4.0	87	0.00
48	T	Methyl methacrylate	50.000	44.243	11.5	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	830.146	17.0	75	-0.01
50	S	Toluene-d8	50.000	50.991	-2.0	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	216.038	13.6	75	0.00
52	CM	Toluene	50.000	50.105	-0.2#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	47.198	5.6	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.080	1.8	89	0.00
55	T	1,1,2-Trichloroethane	50.000	45.994	8.0	83	0.00
56	T	Ethyl methacrylate	50.000	45.417	9.2	78	0.00
57	T	1,3-Dichloropropane	50.000	46.393	7.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	218.642	12.5	82	0.00
59	T	2-Hexanone	250.000	225.985	9.6	80	0.00
60	T	Dibromochloromethane	50.000	46.399	7.2	83	0.00
61	T	1,2-Dibromoethane	50.000	45.837	8.3	82	0.00
62	S	4-Bromofluorobenzene	50.000	50.209	-0.4	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	50.700	-1.4	86	0.00
65	PM	Chlorobenzene	50.000	49.402	1.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.191	1.6	88	0.00
67	C	Ethyl Benzene	50.000	51.603	-3.2#	91	0.00
68	T	m/p-Xylenes	100.000	103.654	-3.7	92	0.00
69	T	o-Xylene	50.000	50.753	-1.5	90	0.00
70	T	Styrene	50.000	50.988	-2.0	89	0.00
71	P	Bromoform	50.000	44.413	11.2	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	51.338	-2.7	92	0.00
74	T	N-amyl acetate	50.000	46.005	8.0	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.671	14.7	82	0.00
76	T	1,2,3-Trichloropropane	50.000	46.817	6.4	86	0.00
77	T	Bromobenzene	50.000	48.131	3.7	87	0.00
78	T	n-propylbenzene	50.000	51.888	-3.8	93	0.00
79	T	2-Chlorotoluene	50.000	50.289	-0.6	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.114	-2.2	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.495	11.0	83	0.00
82	T	4-Chlorotoluene	50.000	49.579	0.8	89	0.00
83	T	tert-Butylbenzene	50.000	51.648	-3.3	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.905	-1.8	90	0.00
85	T	sec-Butylbenzene	50.000	52.484	-5.0	93	0.00
86	T	p-Isopropyltoluene	50.000	52.517	-5.0	93	0.00
87	T	1,3-Dichlorobenzene	50.000	49.166	1.7	89	0.00
88	T	1,4-Dichlorobenzene	50.000	48.322	3.4	88	0.00
89	T	n-Butylbenzene	50.000	52.679	-5.4	93	0.00
90	T	Hexachloroethane	50.000	49.148	1.7	88	0.00
91	T	1,2-Dichlorobenzene	50.000	47.165	5.7	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.049	17.9	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.497	11.0	81	0.00
94	T	Hexachlorobutadiene	50.000	46.272	7.5	86	0.00
95	T	Naphthalene	50.000	41.603	16.8	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.362	15.3	77	0.00

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