Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
Data File : VY022560.D
Acq On : 05 Jun 2025 08:40
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: Jun 06 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	45.478	9.0	84	0.00
3	P	Chloromethane	50.000	44.140	11.7	81	0.00
4	C	Vinyl Chloride	50.000	55.525	-11.0#	97	0.00
5	T	Bromomethane	50.000	42.820	14.4	87	0.00
6	T	Chloroethane	50.000	55.933	-11.9	105	0.00
7	T	Trichlorofluoromethane	50.000	56.295	-12.6	103	0.00
8	T	Diethyl Ether	50.000	49.987	0.0	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.771	0.5	87	0.00
10	T	Methyl Iodide	50.000	50.064	-0.1	79	0.00
11	T	Tert butyl alcohol	250.000	256.143	-2.5	89	-0.02
12	CM	1,1-Dichloroethene	50.000	50.426	-0.9#	87	-0.01
13	T	Acrolein	250.000	185.819	25.7#	66	0.00
14	T	Allyl chloride	50.000	50.737	-1.5	89	0.00
15	T	Acrylonitrile	250.000	255.631	-2.3	86	0.00
16	T	Acetone	250.000	261.277	-4.5	88	-0.01
17	T	Carbon Disulfide	50.000	49.979	0.0	86	0.00
18	T	Methyl Acetate	50.000	47.661	4.7	83	-0.02
19	T	Methyl tert-butyl Ether	50.000	50.426	-0.9	87	-0.01
20	T	Methylene Chloride	50.000	48.300	3.4	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.850	-1.7	89	-0.01
22	T	Diisopropyl ether	50.000	51.548	-3.1	89	0.00
23	T	Vinyl Acetate	250.000	255.915	-2.4	88	-0.01
24	P	1,1-Dichloroethane	50.000	52.371	-4.7	91	0.00
25	T	2-Butanone	250.000	256.314	-2.5	86	-0.01
26	T	2,2-Dichloropropane	50.000	52.624	-5.2	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.167	-4.3	89	0.00
28	T	Bromochloromethane	50.000	51.456	-2.9	91	0.00
29	T	Tetrahydrofuran	250.000	247.388	1.0	86	0.00
30	C	Chloroform	50.000	52.798	-5.6#	91	0.00
31	T	Cyclohexane	50.000	47.209	5.6	86	0.00
32	T	1,1,1-Trichloroethane	50.000	52.822	-5.6	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.393	-0.8	82	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	50.652	-1.3	82	0.00
36	T	1,1-Dichloropropene	50.000	51.037	-2.1	88	0.00
37	T	Ethyl Acetate	50.000	50.825	-1.7	83	-0.01
38	T	Carbon Tetrachloride	50.000	51.301	-2.6	87	0.00
39	T	Methylcyclohexane	50.000	50.534	-1.1	87	0.00
40	TM	Benzene	50.000	52.432	-4.9	90	0.00
41	T	Methacrylonitrile	50.000	51.636	-3.3	90	0.00
42	TM	1,2-Dichloroethane	50.000	51.436	-2.9	89	0.00
43	T	Isopropyl Acetate	50.000	50.201	-0.4	85	0.00
44	TM	Trichloroethene	50.000	52.526	-5.1	90	0.00
45	C	1,2-Dichloropropane	50.000	52.259	-4.5#	89	0.00
46	T	Dibromomethane	50.000	51.156	-2.3	88	0.00
47	T	Bromodichloromethane	50.000	53.035	-6.1	90	0.00
48	T	Methyl methacrylate	50.000	49.926	0.1	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	982.154	1.8	88	-0.02
50	S	Toluene-d8	50.000	50.897	-1.8	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.736	-3.1	86	0.00
52	CM	Toluene	50.000	52.479	-5.0#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.202	-4.4	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.611	-5.2	89	0.00
55	T	1,1,2-Trichloroethane	50.000	51.632	-3.3	90	0.00
56	T	Ethyl methacrylate	50.000	51.228	-2.5	86	0.00
57	T	1,3-Dichloropropane	50.000	51.622	-3.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.313	-10.1	95	0.00
59	T	2-Hexanone	250.000	255.309	-2.1	85	0.00
60	T	Dibromochloromethane	50.000	52.237	-4.5	89	0.00
61	T	1,2-Dibromoethane	50.000	50.785	-1.6	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.680	-1.4	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	55.796	-11.6	96	0.00
65	PM	Chlorobenzene	50.000	51.865	-3.7	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.474	-4.9	90	0.00
67	C	Ethyl Benzene	50.000	52.331	-4.7#	90	0.00
68	T	m/p-Xylenes	100.000	104.619	-4.6	91	0.00
69	T	o-Xylene	50.000	52.116	-4.2	91	0.00
70	T	Styrene	50.000	53.031	-6.1	91	0.00
71	P	Bromoform	50.000	49.882	0.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	51.869	-3.7	90	0.00
74	T	N-amyl acetate	50.000	50.664	-1.3	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.734	2.5	84	0.00
76	T	1,2,3-Trichloropropane	50.000	52.446	-4.9	83	0.00
77	T	Bromobenzene	50.000	51.041	-2.1	89	0.00
78	T	n-propylbenzene	50.000	52.065	-4.1	90	0.00
79	T	2-Chlorotoluene	50.000	52.100	-4.2	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.082	-4.2	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.528	-1.1	90	0.00
82	T	4-Chlorotoluene	50.000	51.688	-3.4	89	0.00
83	T	tert-Butylbenzene	50.000	52.464	-4.9	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.122	-4.2	91	0.00
85	T	sec-Butylbenzene	50.000	52.123	-4.2	91	0.00
86	T	p-Isopropyltoluene	50.000	52.254	-4.5	92	0.00
87	T	1,3-Dichlorobenzene	50.000	51.825	-3.7	92	0.00
88	T	1,4-Dichlorobenzene	50.000	51.935	-3.9	91	0.00
89	T	n-Butylbenzene	50.000	53.925	-7.8	93	0.00
90	T	Hexachloroethane	50.000	53.221	-6.4	93	0.00
91	T	1,2-Dichlorobenzene	50.000	51.773	-3.5	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.787	-5.6	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.539	-11.1	97	0.00
94	T	Hexachlorobutadiene	50.000	53.219	-6.4	94	0.00
95	T	Naphthalene	50.000	54.012	-8.0	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.983	-8.0	94	0.00

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