Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
Data File : VY022453.D
Acq On : 29 May 2025 08:23
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: May 30 05:28:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 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	46.403	7.2	90	0.00
3	P	Chloromethane	50.000	46.008	8.0	78	0.00
4	C	Vinyl Chloride	50.000	50.535	-1.1#	86	0.00
5	T	Bromomethane	50.000	43.784	12.4	77	0.00
6	T	Chloroethane	50.000	53.233	-6.5	84	0.00
7	T	Trichlorofluoromethane	50.000	49.675	0.7	86	0.00
8	T	Diethyl Ether	50.000	52.335	-4.7	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.499	-3.0	90	0.00
10	T	Methyl Iodide	50.000	55.169	-10.3	88	0.00
11	T	Tert butyl alcohol	250.000	243.099	2.8	88	0.00
12	CM	1,1-Dichloroethene	50.000	51.275	-2.5#	91	0.00
13	T	Acrolein	250.000	138.958	44.4#	47	0.00
14	T	Allyl chloride	50.000	53.706	-7.4	93	0.01
15	T	Acrylonitrile	250.000	260.652	-4.3	90	0.00
16	T	Acetone	250.000	299.687	-19.9	106	0.00
17	T	Carbon Disulfide	50.000	51.656	-3.3	90	0.00
18	T	Methyl Acetate	50.000	54.988	-10.0	100	0.00
19	T	Methyl tert-butyl Ether	50.000	51.382	-2.8	89	0.00
20	T	Methylene Chloride	50.000	48.985	2.0	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.821	-3.6	91	0.01
22	T	Diisopropyl ether	50.000	52.428	-4.9	91	0.00
23	T	Vinyl Acetate	250.000	255.731	-2.3	88	0.00
24	P	1,1-Dichloroethane	50.000	53.525	-7.0	92	0.00
25	T	2-Butanone	250.000	270.697	-8.3	95	0.00
26	T	2,2-Dichloropropane	50.000	53.021	-6.0	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.781	-5.6	93	0.00
28	T	Bromochloromethane	50.000	55.263	-10.5	93	0.00
29	T	Tetrahydrofuran	250.000	256.623	-2.6	90	0.00
30	C	Chloroform	50.000	52.831	-5.7#	90	0.00
31	T	Cyclohexane	50.000	48.562	2.9	90	0.01
32	T	1,1,1-Trichloroethane	50.000	52.490	-5.0	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.485	-3.0	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	51.078	-2.2	90	0.00
36	T	1,1-Dichloropropene	50.000	51.977	-4.0	92	0.00
37	T	Ethyl Acetate	50.000	50.504	-1.0	87	0.00
38	T	Carbon Tetrachloride	50.000	52.449	-4.9	92	0.00
39	T	Methylcyclohexane	50.000	50.278	-0.6	88	0.00
40	TM	Benzene	50.000	52.686	-5.4	91	0.00
41	T	Methacrylonitrile	50.000	52.208	-4.4	93	-0.02
42	TM	1,2-Dichloroethane	50.000	51.926	-3.9	90	0.00
43	T	Isopropyl Acetate	50.000	50.350	-0.7	87	0.00
44	TM	Trichloroethene	50.000	51.329	-2.7	89	0.00
45	C	1,2-Dichloropropane	50.000	52.560	-5.1#	92	0.00
46	T	Dibromomethane	50.000	51.150	-2.3	89	0.00
47	T	Bromodichloromethane	50.000	52.116	-4.2	91	0.00
48	T	Methyl methacrylate	50.000	52.848	-5.7	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	975.883	2.4	86	0.00
50	S	Toluene-d8	50.000	50.917	-1.8	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.545	-3.0	88	0.00
52	CM	Toluene	50.000	52.454	-4.9#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.136	-4.3	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.992	-4.0	91	0.00
55	T	1,1,2-Trichloroethane	50.000	51.165	-2.3	89	0.00
56	T	Ethyl methacrylate	50.000	50.656	-1.3	85	0.00
57	T	1,3-Dichloropropane	50.000	51.375	-2.8	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.077	-3.2	88	0.00
59	T	2-Hexanone	250.000	262.819	-5.1	88	0.00
60	T	Dibromochloromethane	50.000	52.335	-4.7	89	0.00
61	T	1,2-Dibromoethane	50.000	51.091	-2.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	49.979	0.0	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	52.318	-4.6	90	0.00
65	PM	Chlorobenzene	50.000	52.240	-4.5	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.821	-3.6	88	0.00
67	C	Ethyl Benzene	50.000	52.235	-4.5#	91	0.00
68	T	m/p-Xylenes	100.000	103.724	-3.7	89	0.00
69	T	o-Xylene	50.000	51.717	-3.4	89	0.00
70	T	Styrene	50.000	52.776	-5.6	90	0.00
71	P	Bromoform	50.000	50.779	-1.6	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	52.527	-5.1	91	0.00
74	T	N-amyl acetate	50.000	52.730	-5.5	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.179	1.6	84	0.00
76	T	1,2,3-Trichloropropane	50.000	47.513	5.0	82	0.00
77	T	Bromobenzene	50.000	51.142	-2.3	86	0.00
78	T	n-propylbenzene	50.000	53.216	-6.4	90	0.00
79	T	2-Chlorotoluene	50.000	52.357	-4.7	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.483	-5.0	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.193	-2.4	89	0.00
82	T	4-Chlorotoluene	50.000	52.262	-4.5	89	0.00
83	T	tert-Butylbenzene	50.000	53.068	-6.1	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.724	-5.4	89	0.00
85	T	sec-Butylbenzene	50.000	53.014	-6.0	89	0.00
86	T	p-Isopropyltoluene	50.000	52.981	-6.0	89	0.00
87	T	1,3-Dichlorobenzene	50.000	51.269	-2.5	87	0.00
88	T	1,4-Dichlorobenzene	50.000	52.077	-4.2	88	0.00
89	T	n-Butylbenzene	50.000	53.553	-7.1	88	0.00
90	T	Hexachloroethane	50.000	52.707	-5.4	89	0.00
91	T	1,2-Dichlorobenzene	50.000	52.156	-4.3	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.716	2.6	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.370	-2.7	83	0.00
94	T	Hexachlorobutadiene	50.000	51.258	-2.5	85	0.00
95	T	Naphthalene	50.000	51.987	-4.0	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.456	-4.9	84	0.00

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