Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
Data File : VY022440.D
Acq On : 28 May 2025 09:23
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 29 01:50:19 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	43.991	12.0	87	0.00
3	P	Chloromethane	50.000	59.768	-19.5	103	0.00
4	C	Vinyl Chloride	50.000	57.093	-14.2#	98	0.00
5	T	Bromomethane	50.000	54.293	-8.6	96	0.00
6	T	Chloroethane	50.000	60.274	-20.5	97	0.00
7	T	Trichlorofluoromethane	50.000	52.022	-4.0	91	0.00
8	T	Diethyl Ether	50.000	52.441	-4.9	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.305	-0.6	89	0.00
10	T	Methyl Iodide	50.000	51.385	-2.8	83	0.00
11	T	Tert butyl alcohol	250.000	276.159	-10.5	101	0.00
12	CM	1,1-Dichloroethene	50.000	49.816	0.4#	89	0.00
13	T	Acrolein	250.000	260.722	-4.3	90	0.00
14	T	Allyl chloride	50.000	52.058	-4.1	91	0.00
15	T	Acrylonitrile	250.000	275.066	-10.0	96	0.00
16	T	Acetone	250.000	260.497	-4.2	93	0.00
17	T	Carbon Disulfide	50.000	49.627	0.7	88	0.00
18	T	Methyl Acetate	50.000	57.733	-15.5	106	0.00
19	T	Methyl tert-butyl Ether	50.000	53.378	-6.8	94	0.00
20	T	Methylene Chloride	50.000	48.115	3.8	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.822	0.4	89	0.00
22	T	Diisopropyl ether	50.000	51.708	-3.4	91	0.00
23	T	Vinyl Acetate	250.000	263.171	-5.3	92	0.00
24	P	1,1-Dichloroethane	50.000	51.802	-3.6	91	0.00
25	T	2-Butanone	250.000	270.662	-8.3	96	0.00
26	T	2,2-Dichloropropane	50.000	50.024	-0.0	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.952	-3.9	92	0.00
28	T	Bromochloromethane	50.000	55.841	-11.7	96	0.00
29	T	Tetrahydrofuran	250.000	276.019	-10.4	98	0.00
30	C	Chloroform	50.000	52.718	-5.4#	91	0.00
31	T	Cyclohexane	50.000	47.553	4.9	90	0.00
32	T	1,1,1-Trichloroethane	50.000	51.047	-2.1	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.918	-11.8	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	52.565	-5.1	96	0.00
36	T	1,1-Dichloropropene	50.000	48.948	2.1	89	0.00
37	T	Ethyl Acetate	50.000	53.651	-7.3	96	0.00
38	T	Carbon Tetrachloride	50.000	48.775	2.5	89	0.00
39	T	Methylcyclohexane	50.000	47.368	5.3	86	0.00
40	TM	Benzene	50.000	50.053	-0.1	90	0.00
41	T	Methacrylonitrile	50.000	49.085	1.8	91	-0.02
42	TM	1,2-Dichloroethane	50.000	51.839	-3.7	93	0.00
43	T	Isopropyl Acetate	50.000	52.480	-5.0	94	0.00
44	TM	Trichloroethene	50.000	49.475	1.0	89	0.00
45	C	1,2-Dichloropropane	50.000	50.985	-2.0#	93	0.00
46	T	Dibromomethane	50.000	50.789	-1.6	92	0.00
47	T	Bromodichloromethane	50.000	51.302	-2.6	93	0.00
48	T	Methyl methacrylate	50.000	53.202	-6.4	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1055.512	-5.6	97	0.00
50	S	Toluene-d8	50.000	52.118	-4.2	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.500	-9.4	96	0.00
52	CM	Toluene	50.000	49.929	0.1#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	51.576	-3.2	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.381	-0.8	92	0.00
55	T	1,1,2-Trichloroethane	50.000	51.850	-3.7	94	0.00
56	T	Ethyl methacrylate	50.000	52.229	-4.5	91	0.00
57	T	1,3-Dichloropropane	50.000	51.605	-3.2	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.303	-12.1	99	0.00
59	T	2-Hexanone	250.000	278.776	-11.5	97	0.00
60	T	Dibromochloromethane	50.000	51.548	-3.1	91	0.00
61	T	1,2-Dibromoethane	50.000	51.664	-3.3	91	0.00
62	S	4-Bromofluorobenzene	50.000	51.040	-2.1	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	49.996	0.0	90	0.00
65	PM	Chlorobenzene	50.000	49.966	0.1	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.536	-1.1	90	0.00
67	C	Ethyl Benzene	50.000	49.361	1.3#	90	0.00
68	T	m/p-Xylenes	100.000	98.178	1.8	89	0.00
69	T	o-Xylene	50.000	49.650	0.7	90	0.00
70	T	Styrene	50.000	50.362	-0.7	90	0.00
71	P	Bromoform	50.000	51.798	-3.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	48.614	2.8	89	0.00
74	T	N-amyl acetate	50.000	52.512	-5.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.744	-1.5	92	0.00
76	T	1,2,3-Trichloropropane	50.000	45.242	9.5	83	0.00
77	T	Bromobenzene	50.000	49.315	1.4	89	0.00
78	T	n-propylbenzene	50.000	49.158	1.7	89	0.00
79	T	2-Chlorotoluene	50.000	49.157	1.7	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.382	1.2	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.749	0.5	92	0.00
82	T	4-Chlorotoluene	50.000	48.729	2.5	88	0.00
83	T	tert-Butylbenzene	50.000	50.000	0.0	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.009	-0.0	90	0.00
85	T	sec-Butylbenzene	50.000	49.604	0.8	89	0.00
86	T	p-Isopropyltoluene	50.000	49.530	0.9	88	0.00
87	T	1,3-Dichlorobenzene	50.000	49.305	1.4	89	0.00
88	T	1,4-Dichlorobenzene	50.000	49.582	0.8	89	0.00
89	T	n-Butylbenzene	50.000	50.498	-1.0	88	0.00
90	T	Hexachloroethane	50.000	49.407	1.2	89	0.00
91	T	1,2-Dichlorobenzene	50.000	50.545	-1.1	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.317	-4.6	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.144	-4.3	90	0.00
94	T	Hexachlorobutadiene	50.000	49.966	0.1	88	0.00
95	T	Naphthalene	50.000	54.023	-8.0	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.908	-7.8	92	0.00

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