Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022354.D
Acq On : 21 May 2025 09:33
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 22 00:03:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	65	0.00
2	T	Dichlorodifluoromethane	50.000	44.310	11.4	59	0.00
3	P	Chloromethane	50.000	58.769	-17.5	80	0.00
4	C	Vinyl Chloride	50.000	62.745	-25.5#	83	0.00
5	T	Bromomethane	50.000	70.589	-41.2#	104	0.00
6	T	Chloroethane	50.000	72.395	-44.8#	95	0.00
7	T	Trichlorofluoromethane	50.000	57.003	-14.0	76	0.00
8	T	Diethyl Ether	50.000	46.264	7.5	61	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.308	1.4	64	0.00
10	T	Methyl Iodide	50.000	51.438	-2.9	61	0.00
11	T	Tert butyl alcohol	250.000	213.733	14.5	60	0.00
12	CM	1,1-Dichloroethene	50.000	50.419	-0.8#	65	0.00
13	T	Acrolein	250.000	114.092	54.4#	32	0.00
14	T	Allyl chloride	50.000	44.026	11.9	56	0.00
15	T	Acrylonitrile	250.000	229.112	8.4	61	0.00
16	T	Acetone	250.000	196.925	21.2	56	0.00
17	T	Carbon Disulfide	50.000	47.917	4.2	62	0.00
18	T	Methyl Acetate	50.000	44.734	10.5	62	0.00
19	T	Methyl tert-butyl Ether	50.000	47.825	4.3	63	0.00
20	T	Methylene Chloride	50.000	44.450	11.1	64	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.735	0.5	64	0.00
22	T	Diisopropyl ether	50.000	45.942	8.1	60	0.00
23	T	Vinyl Acetate	250.000	217.328	13.1	58	0.00
24	P	1,1-Dichloroethane	50.000	49.083	1.8	63	0.00
25	T	2-Butanone	250.000	204.563	18.2	57	0.00
26	T	2,2-Dichloropropane	50.000	48.841	2.3	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.913	0.2	64	0.00
28	T	Bromochloromethane	50.000	49.644	0.7	64	0.00
29	T	Tetrahydrofuran	250.000	214.534	14.2	58	0.00
30	C	Chloroform	50.000	50.694	-1.4#	65	0.00
31	T	Cyclohexane	50.000	44.142	11.7	60	0.00
32	T	1,1,1-Trichloroethane	50.000	49.246	1.5	64	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.424	3.2	64	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	51.177	-2.4	67	0.00
36	T	1,1-Dichloropropene	50.000	49.365	1.3	63	0.00
37	T	Ethyl Acetate	50.000	43.679	12.6	58	0.00
38	T	Carbon Tetrachloride	50.000	49.502	1.0	64	0.00
39	T	Methylcyclohexane	50.000	47.420	5.2	62	0.00
40	TM	Benzene	50.000	50.165	-0.3	64	0.00
41	T	Methacrylonitrile	50.000	45.320	9.4	59	0.03
42	TM	1,2-Dichloroethane	50.000	48.215	3.6	62	0.00
43	T	Isopropyl Acetate	50.000	43.552	12.9	58	0.00
44	TM	Trichloroethene	50.000	49.826	0.3	64	0.00
45	C	1,2-Dichloropropane	50.000	48.909	2.2#	63	0.00
46	T	Dibromomethane	50.000	48.453	3.1	64	0.00
47	T	Bromodichloromethane	50.000	49.674	0.7	64	0.00
48	T	Methyl methacrylate	50.000	42.365	15.3	56	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	924.183	7.6	63	0.01
50	S	Toluene-d8	50.000	51.005	-2.0	67	0.00
51	T	4-Methyl-2-Pentanone	250.000	215.658	13.7	57	0.00
52	CM	Toluene	50.000	49.142	1.7#	63	0.00
53	T	t-1,3-Dichloropropene	50.000	47.352	5.3	61	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.401	3.2	62	0.00
55	T	1,1,2-Trichloroethane	50.000	49.332	1.3	65	0.00
56	T	Ethyl methacrylate	50.000	46.616	6.8	61	0.00
57	T	1,3-Dichloropropane	50.000	48.789	2.4	63	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.385	1.8	60	0.00
59	T	2-Hexanone	250.000	212.876	14.8	57	0.00
60	T	Dibromochloromethane	50.000	49.966	0.1	64	0.00
61	T	1,2-Dibromoethane	50.000	49.865	0.3	65	0.00
62	S	4-Bromofluorobenzene	50.000	48.635	2.7	64	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64	T	Tetrachloroethene	50.000	48.687	2.6	62	0.00
65	PM	Chlorobenzene	50.000	48.862	2.3	63	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.474	1.1	64	0.00
67	C	Ethyl Benzene	50.000	49.054	1.9#	63	0.00
68	T	m/p-Xylenes	100.000	97.836	2.2	63	0.00
69	T	o-Xylene	50.000	49.670	0.7	64	0.00
70	T	Styrene	50.000	49.073	1.9	63	0.00
71	P	Bromoform	50.000	46.356	7.3	61	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73	T	Isopropylbenzene	50.000	49.625	0.8	63	0.00
74	T	N-amyl acetate	50.000	43.009	14.0	57	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.940	4.1	63	0.00
76	T	1,2,3-Trichloropropane	50.000	43.491	13.0	57	0.00
77	T	Bromobenzene	50.000	48.472	3.1	62	0.00
78	T	n-propylbenzene	50.000	49.396	1.2	62	0.00
79	T	2-Chlorotoluene	50.000	47.849	4.3	61	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.789	2.4	62	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.288	11.4	61	0.00
82	T	4-Chlorotoluene	50.000	47.891	4.2	60	0.00
83	T	tert-Butylbenzene	50.000	48.304	3.4	61	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.985	2.0	62	0.00
85	T	sec-Butylbenzene	50.000	49.584	0.8	62	0.00
86	T	p-Isopropyltoluene	50.000	49.271	1.5	62	0.00
87	T	1,3-Dichlorobenzene	50.000	49.063	1.9	62	0.00
88	T	1,4-Dichlorobenzene	50.000	49.324	1.4	63	0.00
89	T	n-Butylbenzene	50.000	50.042	-0.1	62	0.00
90	T	Hexachloroethane	50.000	48.074	3.9	61	0.00
91	T	1,2-Dichlorobenzene	50.000	49.160	1.7	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.759	6.5	62	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.650	4.7	60	0.00
94	T	Hexachlorobutadiene	50.000	46.785	6.4	59	0.00
95	T	Naphthalene	50.000	46.373	7.3	60	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.954	6.1	60	0.00

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