Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022742.D
Acq On : 19 Jun 2025 09:10
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 20 02:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	44.799	10.4	64	0.00
3	P	Chloromethane	50.000	39.977	20.0	57	0.00
4	C	Vinyl Chloride	50.000	46.920	6.2#	64	0.00
5	T	Bromomethane	50.000	40.113	19.8	63	0.00
6	T	Chloroethane	50.000	50.816	-1.6	73	0.00
7	T	Trichlorofluoromethane	50.000	50.805	-1.6	71	0.00
8	T	Diethyl Ether	50.000	52.001	-4.0	69	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.361	-6.7	72	0.00
10	T	Methyl Iodide	50.000	54.780	-9.6	67	0.00
11	T	Tert butyl alcohol	250.000	234.502	6.2	63	-0.02
12	CM	1,1-Dichloroethene	50.000	52.240	-4.5#	70	0.00
13	T	Acrolein	250.000	69.514	72.2#	19	0.00
14	T	Allyl chloride	50.000	51.499	-3.0	69	0.00
15	T	Acrylonitrile	250.000	264.654	-5.9	69	-0.01
16	T	Acetone	250.000	280.422	-12.2	73	0.00
17	T	Carbon Disulfide	50.000	48.209	3.6	64	0.00
18	T	Methyl Acetate	50.000	58.688	-17.4	78	0.00
19	T	Methyl tert-butyl Ether	50.000	53.204	-6.4	71	-0.01
20	T	Methylene Chloride	50.000	51.215	-2.4	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.710	-7.4	73	0.00
22	T	Diisopropyl ether	50.000	53.872	-7.7	72	0.00
23	T	Vinyl Acetate	250.000	253.088	-1.2	67	0.00
24	P	1,1-Dichloroethane	50.000	56.843	-13.7	76	0.00
25	T	2-Butanone	250.000	263.777	-5.5	68	0.00
26	T	2,2-Dichloropropane	50.000	56.547	-13.1	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.394	-10.8	73	0.00
28	T	Bromochloromethane	50.000	53.760	-7.5	74	0.00
29	T	Tetrahydrofuran	250.000	254.785	-1.9	68	0.00
30	C	Chloroform	50.000	57.367	-14.7#	77	0.00
31	T	Cyclohexane	50.000	47.073	5.9	66	0.00
32	T	1,1,1-Trichloroethane	50.000	56.592	-13.2	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.111	-6.2	66	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	54.110	-8.2	66	0.00
36	T	1,1-Dichloropropene	50.000	54.091	-8.2	71	0.00
37	T	Ethyl Acetate	50.000	51.532	-3.1	64	0.00
38	T	Carbon Tetrachloride	50.000	56.089	-12.2	72	0.00
39	T	Methylcyclohexane	50.000	50.380	-0.8	66	0.00
40	TM	Benzene	50.000	56.379	-12.8	74	0.00
41	T	Methacrylonitrile	50.000	49.625	0.8	66	-0.01
42	TM	1,2-Dichloroethane	50.000	56.092	-12.2	74	0.00
43	T	Isopropyl Acetate	50.000	50.710	-1.4	65	0.00
44	TM	Trichloroethene	50.000	55.370	-10.7	72	0.00
45	C	1,2-Dichloropropane	50.000	57.557	-15.1#	75	0.00
46	T	Dibromomethane	50.000	54.887	-9.8	72	0.00
47	T	Bromodichloromethane	50.000	58.279	-16.6	76	0.00
48	T	Methyl methacrylate	50.000	51.624	-3.2	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1006.978	-0.7	69	-0.01
50	S	Toluene-d8	50.000	53.258	-6.5	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.676	-6.7	68	0.00
52	CM	Toluene	50.000	55.617	-11.2#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	55.029	-10.1	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.488	-13.0	73	0.00
55	T	1,1,2-Trichloroethane	50.000	57.095	-14.2	76	0.00
56	T	Ethyl methacrylate	50.000	52.807	-5.6	67	0.00
57	T	1,3-Dichloropropane	50.000	57.004	-14.0	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.603	-15.0	76	0.00
59	T	2-Hexanone	250.000	262.685	-5.1	67	0.00
60	T	Dibromochloromethane	50.000	56.978	-14.0	74	0.00
61	T	1,2-Dibromoethane	50.000	55.626	-11.3	73	0.00
62	S	4-Bromofluorobenzene	50.000	51.070	-2.1	65	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64	T	Tetrachloroethene	50.000	58.853	-17.7	77	0.00
65	PM	Chlorobenzene	50.000	55.847	-11.7	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.778	-13.6	75	0.00
67	C	Ethyl Benzene	50.000	55.422	-10.8#	73	0.00
68	T	m/p-Xylenes	100.000	111.322	-11.3	74	0.00
69	T	o-Xylene	50.000	55.258	-10.5	73	0.00
70	T	Styrene	50.000	56.108	-12.2	73	0.00
71	P	Bromoform	50.000	55.400	-10.8	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73	T	Isopropylbenzene	50.000	55.115	-10.2	73	0.00
74	T	N-amyl acetate	50.000	49.354	1.3	63	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.782	-7.6	71	0.00
76	T	1,2,3-Trichloropropane	50.000	46.586	6.8	56	0.00
77	T	Bromobenzene	50.000	55.095	-10.2	73	0.00
78	T	n-propylbenzene	50.000	55.094	-10.2	72	0.00
79	T	2-Chlorotoluene	50.000	55.244	-10.5	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.710	-9.4	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.626	0.7	67	0.00
82	T	4-Chlorotoluene	50.000	54.501	-9.0	72	0.00
83	T	tert-Butylbenzene	50.000	55.604	-11.2	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.913	-9.8	73	0.00
85	T	sec-Butylbenzene	50.000	54.702	-9.4	72	0.00
86	T	p-Isopropyltoluene	50.000	54.754	-9.5	73	0.00
87	T	1,3-Dichlorobenzene	50.000	56.077	-12.2	75	0.00
88	T	1,4-Dichlorobenzene	50.000	55.313	-10.6	74	0.00
89	T	n-Butylbenzene	50.000	55.202	-10.4	72	0.00
90	T	Hexachloroethane	50.000	55.778	-11.6	74	0.00
91	T	1,2-Dichlorobenzene	50.000	54.422	-8.8	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.158	-4.3	65	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.898	-9.8	73	0.00
94	T	Hexachlorobutadiene	50.000	54.454	-8.9	73	0.00
95	T	Naphthalene	50.000	52.126	-4.3	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.989	-6.0	70	0.00

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