Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022558.D
Acq On : 04 Jun 2025 18:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 05 04:19:53 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	76	-0.01
2	T	Dichlorodifluoromethane	50.000	45.150	9.7	74	0.00
3	P	Chloromethane	50.000	48.697	2.6	79	0.00
4	C	Vinyl Chloride	50.000	62.133	-24.3#	96	0.00
5	T	Bromomethane	50.000	49.170	1.7	88	-0.01
6	T	Chloroethane	50.000	64.017	-28.0#	106	-0.01
7	T	Trichlorofluoromethane	50.000	65.384	-30.8#	105	-0.02
8	T	Diethyl Ether	50.000	53.024	-6.0	81	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.478	1.0	76	-0.01
10	T	Methyl Iodide	50.000	49.564	0.9	69	-0.01
11	T	Tert butyl alcohol	250.000	282.722	-13.1	87	-0.02
12	CM	1,1-Dichloroethene	50.000	51.294	-2.6#	79	-0.02
13	T	Acrolein	250.000	182.337	27.1#	57	-0.01
14	T	Allyl chloride	50.000	49.779	0.4	77	-0.02
15	T	Acrylonitrile	250.000	267.271	-6.9	80	-0.01
16	T	Acetone	250.000	229.770	8.1	68	-0.01
17	T	Carbon Disulfide	50.000	49.300	1.4	75	-0.02
18	T	Methyl Acetate	50.000	58.503	-17.0	90	-0.02
19	T	Methyl tert-butyl Ether	50.000	53.284	-6.6	81	-0.01
20	T	Methylene Chloride	50.000	51.631	-3.3	88	-0.02
21	T	trans-1,2-Dichloroethene	50.000	52.053	-4.1	81	-0.02
22	T	Diisopropyl ether	50.000	51.649	-3.3	79	-0.01
23	T	Vinyl Acetate	250.000	252.793	-1.1	77	-0.02
24	P	1,1-Dichloroethane	50.000	53.682	-7.4	83	-0.02
25	T	2-Butanone	250.000	260.679	-4.3	77	-0.01
26	T	2,2-Dichloropropane	50.000	46.602	6.8	71	-0.01
27	T	cis-1,2-Dichloroethene	50.000	54.110	-8.2	81	-0.02
28	T	Bromochloromethane	50.000	52.457	-4.9	82	0.00
29	T	Tetrahydrofuran	250.000	266.938	-6.8	82	-0.01
30	C	Chloroform	50.000	54.197	-8.4#	83	-0.01
31	T	Cyclohexane	50.000	44.966	10.1	72	-0.01
32	T	1,1,1-Trichloroethane	50.000	52.430	-4.9	79	-0.01
33	S	1,2-Dichloroethane-d4	50.000	54.936	-9.9	79	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	52.908	-5.8	78	-0.01
36	T	1,1-Dichloropropene	50.000	48.764	2.5	77	-0.01
37	T	Ethyl Acetate	50.000	51.918	-3.8	78	-0.01
38	T	Carbon Tetrachloride	50.000	50.308	-0.6	78	-0.01
39	T	Methylcyclohexane	50.000	46.538	6.9	73	-0.01
40	TM	Benzene	50.000	51.988	-4.0	82	-0.01
41	T	Methacrylonitrile	50.000	50.861	-1.7	82	-0.01
42	TM	1,2-Dichloroethane	50.000	52.122	-4.2	83	-0.01
43	T	Isopropyl Acetate	50.000	50.584	-1.2	79	-0.01
44	TM	Trichloroethene	50.000	51.965	-3.9	81	0.00
45	C	1,2-Dichloropropane	50.000	52.138	-4.3#	82	-0.01
46	T	Dibromomethane	50.000	52.435	-4.9	82	0.00
47	T	Bromodichloromethane	50.000	53.104	-6.2	83	0.00
48	T	Methyl methacrylate	50.000	51.031	-2.1	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1119.098	-11.9	92	-0.02
50	S	Toluene-d8	50.000	52.942	-5.9	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.064	-6.4	81	0.00
52	CM	Toluene	50.000	51.463	-2.9#	82	-0.01
53	T	t-1,3-Dichloropropene	50.000	50.543	-1.1	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.492	-3.0	80	0.00
55	T	1,1,2-Trichloroethane	50.000	52.969	-5.9	85	0.00
56	T	Ethyl methacrylate	50.000	52.590	-5.2	81	-0.01
57	T	1,3-Dichloropropane	50.000	52.536	-5.1	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.897	-16.0	92	0.00
59	T	2-Hexanone	250.000	262.961	-5.2	81	0.00
60	T	Dibromochloromethane	50.000	52.450	-4.9	82	0.00
61	T	1,2-Dibromoethane	50.000	52.367	-4.7	83	0.00
62	S	4-Bromofluorobenzene	50.000	53.144	-6.3	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	54.095	-8.2	86	-0.01
65	PM	Chlorobenzene	50.000	51.309	-2.6	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.716	-3.4	82	0.00
67	C	Ethyl Benzene	50.000	50.273	-0.5#	80	0.00
68	T	m/p-Xylenes	100.000	101.785	-1.8	82	-0.01
69	T	o-Xylene	50.000	51.579	-3.2	83	0.00
70	T	Styrene	50.000	52.202	-4.4	83	0.00
71	P	Bromoform	50.000	49.856	0.3	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	47.906	4.2	80	0.00
74	T	N-amyl acetate	50.000	49.362	1.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.169	5.7	78	0.00
76	T	1,2,3-Trichloropropane	50.000	53.934	-7.9	82	0.00
77	T	Bromobenzene	50.000	48.749	2.5	82	0.00
78	T	n-propylbenzene	50.000	48.370	3.3	80	0.00
79	T	2-Chlorotoluene	50.000	48.709	2.6	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.578	2.8	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.188	9.6	77	0.00
82	T	4-Chlorotoluene	50.000	48.896	2.2	81	0.00
83	T	tert-Butylbenzene	50.000	48.043	3.9	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.809	2.4	82	0.00
85	T	sec-Butylbenzene	50.000	47.942	4.1	80	0.00
86	T	p-Isopropyltoluene	50.000	49.219	1.6	82	0.00
87	T	1,3-Dichlorobenzene	50.000	49.096	1.8	83	0.00
88	T	1,4-Dichlorobenzene	50.000	48.693	2.6	82	0.00
89	T	n-Butylbenzene	50.000	48.552	2.9	80	0.00
90	T	Hexachloroethane	50.000	49.779	0.4	83	0.00
91	T	1,2-Dichlorobenzene	50.000	49.907	0.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.172	-4.3	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.058	-0.1	84	0.00
94	T	Hexachlorobutadiene	50.000	47.997	4.0	81	0.00
95	T	Naphthalene	50.000	52.928	-5.9	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.459	-0.9	84	0.00

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