Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021472.D
Acq On : 07 Mar 2025 19:32
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: Mar 07 22:04:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	68	0.00
2	T	Dichlorodifluoromethane	50.000	45.505	9.0	63	0.00
3	P	Chloromethane	50.000	55.950	-11.9	80	0.00
4	C	Vinyl Chloride	50.000	54.608	-9.2#	76	0.00
5	T	Bromomethane	50.000	52.490	-5.0	78	-0.01
6	T	Chloroethane	50.000	59.354	-18.7	82	0.00
7	T	Trichlorofluoromethane	50.000	51.158	-2.3	71	-0.01
8	T	Diethyl Ether	50.000	56.738	-13.5	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.617	2.8	69	-0.02
10	T	Methyl Iodide	50.000	59.104	-18.2	73	0.00
11	T	Tert butyl alcohol	250.000	266.120	-6.4	65	0.00
12	CM	1,1-Dichloroethene	50.000	49.909	0.2#	69	-0.01
13	T	Acrolein	250.000	42.709	82.9#	69	-0.02
14	T	Allyl chloride	50.000	52.598	-5.2	70	-0.01
15	T	Acrylonitrile	250.000	290.769	-16.3	74	0.00
16	T	Acetone	250.000	230.313	7.9	54	0.00
17	T	Carbon Disulfide	50.000	51.484	-3.0	69	-0.01
18	T	Methyl Acetate	50.000	67.751	-35.5#	83	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.149	-12.3	73	0.00
20	T	Methylene Chloride	50.000	53.841	-7.7	80	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.656	-7.3	74	-0.02
22	T	Diisopropyl ether	50.000	58.776	-17.6	77	0.00
23	T	Vinyl Acetate	250.000	287.202	-14.9	72	-0.01
24	P	1,1-Dichloroethane	50.000	56.570	-13.1	77	-0.01
25	T	2-Butanone	250.000	270.364	-8.1	65	0.00
26	T	2,2-Dichloropropane	50.000	38.641	22.7	54	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.679	-13.4	77	0.00
28	T	Bromochloromethane	50.000	65.418	-30.8#	84	0.00
29	T	Tetrahydrofuran	250.000	301.661	-20.7	73	0.00
30	C	Chloroform	50.000	56.967	-13.9#	78	0.00
31	T	Cyclohexane	50.000	46.538	6.9	67	0.00
32	T	1,1,1-Trichloroethane	50.000	52.586	-5.2	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	66.330	-32.7#	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	62.208	-24.4	100	0.00
36	T	1,1-Dichloropropene	50.000	49.293	1.4	71	0.00
37	T	Ethyl Acetate	50.000	55.245	-10.5	73	0.00
38	T	Carbon Tetrachloride	50.000	48.799	2.4	71	0.00
39	T	Methylcyclohexane	50.000	46.417	7.2	65	0.00
40	TM	Benzene	50.000	53.662	-7.3	76	0.00
41	T	Methacrylonitrile	50.000	53.493	-7.0	73	0.00
42	TM	1,2-Dichloroethane	50.000	55.638	-11.3	78	0.00
43	T	Isopropyl Acetate	50.000	55.283	-10.6	73	0.00
44	TM	Trichloroethene	50.000	51.464	-2.9	75	0.00
45	C	1,2-Dichloropropane	50.000	54.800	-9.6#	78	0.00
46	T	Dibromomethane	50.000	55.548	-11.1	76	0.00
47	T	Bromodichloromethane	50.000	55.687	-11.4	78	0.00
48	T	Methyl methacrylate	50.000	57.443	-14.9	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1243.123	-24.3	78	0.00
50	S	Toluene-d8	50.000	60.775	-21.5	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.943	-17.2	73	0.00
52	CM	Toluene	50.000	53.858	-7.7#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	52.057	-4.1	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.233	-2.5	70	0.00
55	T	1,1,2-Trichloroethane	50.000	55.907	-11.8	75	0.00
56	T	Ethyl methacrylate	50.000	57.679	-15.4	73	0.00
57	T	1,3-Dichloropropane	50.000	56.635	-13.3	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	312.904	-25.2#	80	0.00
59	T	2-Hexanone	250.000	288.408	-15.4	69	0.00
60	T	Dibromochloromethane	50.000	55.502	-11.0	77	0.00
61	T	1,2-Dibromoethane	50.000	55.746	-11.5	76	0.00
62	S	4-Bromofluorobenzene	50.000	63.435	-26.9#	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	53.863	-7.7	82	0.00
65	PM	Chlorobenzene	50.000	50.335	-0.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.833	-1.7	76	0.00
67	C	Ethyl Benzene	50.000	50.022	-0.0#	74	0.00
68	T	m/p-Xylenes	100.000	101.247	-1.2	74	0.00
69	T	o-Xylene	50.000	51.470	-2.9	75	0.00
70	T	Styrene	50.000	53.196	-6.4	76	0.00
71	P	Bromoform	50.000	52.156	-4.3	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	46.814	6.4	72	0.00
74	T	N-amyl acetate	50.000	50.563	-1.1	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.756	2.5	74	0.00
76	T	1,2,3-Trichloropropane	50.000	49.140	1.7	80	0.00
77	T	Bromobenzene	50.000	48.186	3.6	76	0.00
78	T	n-propylbenzene	50.000	46.996	6.0	73	0.00
79	T	2-Chlorotoluene	50.000	48.112	3.8	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.316	3.4	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.769	20.5	59	0.00
82	T	4-Chlorotoluene	50.000	48.554	2.9	76	0.00
83	T	tert-Butylbenzene	50.000	47.391	5.2	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.781	2.4	75	0.00
85	T	sec-Butylbenzene	50.000	46.488	7.0	72	0.00
86	T	p-Isopropyltoluene	50.000	47.277	5.4	73	0.00
87	T	1,3-Dichlorobenzene	50.000	47.356	5.3	76	0.00
88	T	1,4-Dichlorobenzene	50.000	47.557	4.9	76	0.00
89	T	n-Butylbenzene	50.000	46.830	6.3	71	0.00
90	T	Hexachloroethane	50.000	47.066	5.9	76	0.00
91	T	1,2-Dichlorobenzene	50.000	48.928	2.1	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.756	0.5	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.445	5.1	71	0.00
94	T	Hexachlorobutadiene	50.000	45.013	10.0	70	0.00
95	T	Naphthalene	50.000	49.133	1.7	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.963	2.1	72	0.00

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