Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
Data File : VY021173.D
Acq On : 11 Feb 2025 16:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 12 01:03:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	63	0.00
2	T	Dichlorodifluoromethane	50.000	47.261	5.5	60	0.00
3	P	Chloromethane	50.000	52.624	-5.2	69	0.00
4	C	Vinyl Chloride	50.000	50.017	-0.0#	66	0.00
5	T	Bromomethane	50.000	51.139	-2.3	68	0.00
6	T	Chloroethane	50.000	53.392	-6.8	69	0.00
7	T	Trichlorofluoromethane	50.000	47.172	5.7	61	0.00
8	T	Diethyl Ether	50.000	58.276	-16.6	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.614	8.8	59	0.00
10	T	Methyl Iodide	50.000	53.627	-7.3	65	0.00
11	T	Tert butyl alcohol	250.000	267.331	-6.9	73	0.00
12	CM	1,1-Dichloroethene	50.000	49.815	0.4#	64	0.00
13	T	Acrolein	250.000	145.195	41.9#	37	0.00
14	T	Allyl chloride	50.000	51.711	-3.4	65	0.00
15	T	Acrylonitrile	250.000	314.441	-25.8#	78	0.01
16	T	Acetone	250.000	312.996	-25.2#	81	0.00
17	T	Carbon Disulfide	50.000	49.864	0.3	64	0.00
18	T	Methyl Acetate	50.000	68.519	-37.0#	84	0.00
19	T	Methyl tert-butyl Ether	50.000	61.238	-22.5	76	0.00
20	T	Methylene Chloride	50.000	57.323	-14.6	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.568	-7.1	68	0.00
22	T	Diisopropyl ether	50.000	60.725	-21.5	76	0.00
23	T	Vinyl Acetate	250.000	302.568	-21.0	74	0.00
24	P	1,1-Dichloroethane	50.000	57.044	-14.1	73	0.00
25	T	2-Butanone	250.000	318.348	-27.3#	78	0.00
26	T	2,2-Dichloropropane	50.000	30.334	39.3#	39	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.389	-12.8	71	0.00
28	T	Bromochloromethane	50.000	61.948	-23.9	72	0.00
29	T	Tetrahydrofuran	250.000	326.620	-30.6#	80	0.00
30	C	Chloroform	50.000	58.458	-16.9#	75	0.00
31	T	Cyclohexane	50.000	45.124	9.8	60	0.00
32	T	1,1,1-Trichloroethane	50.000	53.723	-7.4	69	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.903	-3.8	66	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	44.835	10.3	63	0.00
36	T	1,1-Dichloropropene	50.000	46.769	6.5	66	0.00
37	T	Ethyl Acetate	50.000	56.895	-13.8	78	0.00
38	T	Carbon Tetrachloride	50.000	46.954	6.1	66	0.00
39	T	Methylcyclohexane	50.000	42.178	15.6	58	0.00
40	TM	Benzene	50.000	51.051	-2.1	71	0.00
41	T	Methacrylonitrile	50.000	42.422	15.2	64	0.00
42	TM	1,2-Dichloroethane	50.000	55.502	-11.0	78	0.00
43	T	Isopropyl Acetate	50.000	57.619	-15.2	78	0.00
44	TM	Trichloroethene	50.000	48.483	3.0	69	0.00
45	C	1,2-Dichloropropane	50.000	53.597	-7.2#	75	0.00
46	T	Dibromomethane	50.000	54.829	-9.7	77	0.00
47	T	Bromodichloromethane	50.000	54.079	-8.2	76	0.00
48	T	Methyl methacrylate	50.000	60.048	-20.1	81	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	1177.492	-17.7	79	0.00
50	S	Toluene-d8	50.000	43.146	13.7	60	0.00
51	T	4-Methyl-2-Pentanone	250.000	299.757	-19.9	80	0.00
52	CM	Toluene	50.000	51.982	-4.0#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	47.884	4.2	65	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.770	6.5	64	0.00
55	T	1,1,2-Trichloroethane	50.000	55.353	-10.7	77	0.00
56	T	Ethyl methacrylate	50.000	58.241	-16.5	76	0.00
57	T	1,3-Dichloropropane	50.000	56.922	-13.8	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	208.362	16.7	55	0.00
59	T	2-Hexanone	250.000	310.298	-24.1	80	0.00
60	T	Dibromochloromethane	50.000	54.950	-9.9	77	0.00
61	T	1,2-Dibromoethane	50.000	55.504	-11.0	76	0.00
62	S	4-Bromofluorobenzene	50.000	47.623	4.8	65	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	43.551	12.9	65	0.00
65	PM	Chlorobenzene	50.000	49.370	1.3	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.066	-0.1	75	0.00
67	C	Ethyl Benzene	50.000	48.285	3.4#	70	0.00
68	T	m/p-Xylenes	100.000	96.596	3.4	70	0.00
69	T	o-Xylene	50.000	50.420	-0.8	73	0.00
70	T	Styrene	50.000	51.705	-3.4	74	0.00
71	P	Bromoform	50.000	53.932	-7.9	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	44.945	10.1	69	0.00
74	T	N-amyl acetate	50.000	53.083	-6.2	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.018	-2.0	79	0.00
76	T	1,2,3-Trichloropropane	50.000	49.546	0.9	73	0.00
77	T	Bromobenzene	50.000	47.635	4.7	75	0.00
78	T	n-propylbenzene	50.000	44.674	10.7	68	0.00
79	T	2-Chlorotoluene	50.000	46.086	7.8	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.234	7.5	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	36.087	27.8#	54	0.00
82	T	4-Chlorotoluene	50.000	46.550	6.9	73	0.00
83	T	tert-Butylbenzene	50.000	43.925	12.2	66	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.325	5.3	72	0.00
85	T	sec-Butylbenzene	50.000	43.386	13.2	67	0.00
86	T	p-Isopropyltoluene	50.000	43.745	12.5	66	0.00
87	T	1,3-Dichlorobenzene	50.000	46.759	6.5	73	0.00
88	T	1,4-Dichlorobenzene	50.000	46.567	6.9	72	0.00
89	T	n-Butylbenzene	50.000	43.305	13.4	65	0.00
90	T	Hexachloroethane	50.000	46.330	7.3	72	0.00
91	T	1,2-Dichlorobenzene	50.000	48.461	3.1	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.941	-7.9	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.514	5.0	69	0.00
94	T	Hexachlorobutadiene	50.000	42.775	14.5	65	0.00
95	T	Naphthalene	50.000	55.903	-11.8	76	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	50.439	-0.9	72	0.00

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