Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020921.D
Acq On : 23 Jan 2025 19:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 24 00:21:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 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	115	-0.01
2	T	Dichlorodifluoromethane	50.000	37.941	24.1	89	-0.01
3	P	Chloromethane	50.000	48.193	3.6	113	-0.01
4	C	Vinyl Chloride	50.000	53.994	-8.0#	122	-0.01
5	T	Bromomethane	50.000	45.862	8.3	110	-0.02
6	T	Chloroethane	50.000	57.002	-14.0	130	-0.01
7	T	Trichlorofluoromethane	50.000	45.985	8.0	106	-0.02
8	T	Diethyl Ether	50.000	48.564	2.9	108	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.425	5.2	109	-0.01
10	T	Methyl Iodide	50.000	49.346	1.3	107	-0.02
11	T	Tert butyl alcohol	250.000	227.306	9.1	105	-0.02
12	CM	1,1-Dichloroethene	50.000	46.134	7.7#	103	-0.02
13	T	Acrolein	250.000	231.767	7.3	184	-0.01
14	T	Allyl chloride	50.000	49.997	0.0	114	-0.02
15	T	Acrylonitrile	250.000	262.486	-5.0	112	-0.02
16	T	Acetone	250.000	248.431	0.6	107	-0.02
17	T	Carbon Disulfide	50.000	43.456	13.1	93	-0.02
18	T	Methyl Acetate	50.000	56.753	-13.5	118	-0.02
19	T	Methyl tert-butyl Ether	50.000	48.176	3.6	107	-0.02
20	T	Methylene Chloride	50.000	48.463	3.1	111	-0.02
21	T	trans-1,2-Dichloroethene	50.000	46.470	7.1	105	-0.02
22	T	Diisopropyl ether	50.000	54.770	-9.5	125	-0.02
23	T	Vinyl Acetate	250.000	268.941	-7.6	117	-0.02
24	P	1,1-Dichloroethane	50.000	49.753	0.5	115	-0.02
25	T	2-Butanone	250.000	270.261	-8.1	114	-0.02
26	T	2,2-Dichloropropane	50.000	45.299	9.4	105	-0.02
27	T	cis-1,2-Dichloroethene	50.000	48.003	4.0	110	-0.02
28	T	Bromochloromethane	50.000	60.706	-21.4	118	-0.02
29	T	Tetrahydrofuran	250.000	275.031	-10.0	116	-0.02
30	C	Chloroform	50.000	48.070	3.9#	112	-0.02
31	T	Cyclohexane	50.000	45.719	8.6	108	-0.02
32	T	1,1,1-Trichloroethane	50.000	44.749	10.5	104	-0.02
33	S	1,2-Dichloroethane-d4	50.000	47.922	4.2	97	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	-0.01
35	S	Dibromofluoromethane	50.000	47.602	4.8	103	-0.01
36	T	1,1-Dichloropropene	50.000	47.332	5.3	107	-0.02
37	T	Ethyl Acetate	50.000	53.946	-7.9	117	-0.02
38	T	Carbon Tetrachloride	50.000	44.033	11.9	102	-0.01
39	T	Methylcyclohexane	50.000	46.625	6.8	105	-0.01
40	TM	Benzene	50.000	48.705	2.6	111	-0.01
41	T	Methacrylonitrile	50.000	57.519	-15.0	118	-0.02
42	TM	1,2-Dichloroethane	50.000	47.639	4.7	106	-0.02
43	T	Isopropyl Acetate	50.000	52.526	-5.1	114	-0.01
44	TM	Trichloroethene	50.000	47.136	5.7	109	-0.01
45	C	1,2-Dichloropropane	50.000	52.463	-4.9#	121	-0.01
46	T	Dibromomethane	50.000	50.541	-1.1	113	-0.01
47	T	Bromodichloromethane	50.000	48.980	2.0	112	-0.02
48	T	Methyl methacrylate	50.000	53.715	-7.4	112	-0.01

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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)
49	T	1,4-Dioxane	1000.000	969.665	3.0	99	-0.01
50	S	Toluene-d8	50.000	53.175	-6.3	106	-0.01
51	T	4-Methyl-2-Pentanone	250.000	278.420	-11.4	117	0.00
52	CM	Toluene	50.000	48.151	3.7#	109	-0.01
53	T	t-1,3-Dichloropropene	50.000	50.077	-0.2	109	-0.01
54	T	cis-1,3-Dichloropropene	50.000	49.623	0.8	112	-0.01
55	T	1,1,2-Trichloroethane	50.000	52.054	-4.1	120	-0.01
56	T	Ethyl methacrylate	50.000	53.290	-6.6	114	-0.01
57	T	1,3-Dichloropropane	50.000	51.823	-3.6	115	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	248.015	0.8	102	-0.01
59	T	2-Hexanone	250.000	283.750	-13.5	116	0.00
60	T	Dibromochloromethane	50.000	49.307	1.4	111	-0.01
61	T	1,2-Dibromoethane	50.000	51.756	-3.5	116	-0.01
62	S	4-Bromofluorobenzene	50.000	47.501	5.0	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	118	-0.01
64	T	Tetrachloroethene	50.000	45.196	9.6	105	-0.01
65	PM	Chlorobenzene	50.000	47.491	5.0	111	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	47.041	5.9	111	0.00
67	C	Ethyl Benzene	50.000	47.745	4.5#	110	-0.01
68	T	m/p-Xylenes	100.000	94.228	5.8	110	-0.01
69	T	o-Xylene	50.000	47.798	4.4	112	0.00
70	T	Styrene	50.000	48.040	3.9	110	-0.01
71	P	Bromoform	50.000	48.922	2.2	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	121	-0.01
73	T	Isopropylbenzene	50.000	45.806	8.4	109	0.00
74	T	N-amyl acetate	50.000	53.879	-7.8	118	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	51.789	-3.6	118	-0.01
76	T	1,2,3-Trichloropropane	50.000	49.282	1.4	121	-0.01
77	T	Bromobenzene	50.000	46.233	7.5	111	-0.01
78	T	n-propylbenzene	50.000	46.796	6.4	111	0.00
79	T	2-Chlorotoluene	50.000	46.397	7.2	111	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	45.432	9.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.348	3.3	105	-0.01
82	T	4-Chlorotoluene	50.000	46.265	7.5	111	0.00
83	T	tert-Butylbenzene	50.000	46.749	6.5	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.855	8.3	108	-0.01
85	T	sec-Butylbenzene	50.000	46.447	7.1	110	0.00
86	T	p-Isopropyltoluene	50.000	45.523	9.0	108	0.00
87	T	1,3-Dichlorobenzene	50.000	46.338	7.3	111	-0.01
88	T	1,4-Dichlorobenzene	50.000	46.260	7.5	112	-0.01
89	T	n-Butylbenzene	50.000	47.089	5.8	111	-0.01
90	T	Hexachloroethane	50.000	46.221	7.6	113	0.00
91	T	1,2-Dichlorobenzene	50.000	46.888	6.2	113	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.330	7.3	110	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	48.177	3.6	112	-0.01
94	T	Hexachlorobutadiene	50.000	46.325	7.3	113	-0.01
95	T	Naphthalene	50.000	49.153	1.7	112	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.942	2.1	117	-0.01

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