Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021100.D
Acq On : 05 Feb 2025 19:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 00:59:09 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	115	0.00
2	T	Dichlorodifluoromethane	50.000	46.994	6.0	108	0.00
3	P	Chloromethane	50.000	52.095	-4.2	125	0.00
4	C	Vinyl Chloride	50.000	52.096	-4.2#	125	0.00
5	T	Bromomethane	50.000	55.250	-10.5	135	0.00
6	T	Chloroethane	50.000	57.614	-15.2	137	0.00
7	T	Trichlorofluoromethane	50.000	50.134	-0.3	117	0.00
8	T	Diethyl Ether	50.000	56.458	-12.9	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.755	2.5	115	0.00
10	T	Methyl Iodide	50.000	53.543	-7.1	118	0.00
11	T	Tert butyl alcohol	250.000	272.619	-9.0	136	-0.01
12	CM	1,1-Dichloroethene	50.000	50.675	-1.3#	118	0.00
13	T	Acrolein	250.000	228.874	8.5	107	0.00
14	T	Allyl chloride	50.000	52.396	-4.8	121	0.00
15	T	Acrylonitrile	250.000	291.346	-16.5	132	0.00
16	T	Acetone	250.000	282.359	-12.9	134	0.00
17	T	Carbon Disulfide	50.000	50.314	-0.6	117	0.00
18	T	Methyl Acetate	50.000	62.891	-25.8#	141	-0.01
19	T	Methyl tert-butyl Ether	50.000	58.680	-17.4	133	0.00
20	T	Methylene Chloride	50.000	54.944	-9.9	129	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.336	-4.7	121	0.00
22	T	Diisopropyl ether	50.000	55.304	-10.6	126	0.00
23	T	Vinyl Acetate	250.000	279.967	-12.0	125	0.00
24	P	1,1-Dichloroethane	50.000	53.196	-6.4	125	0.00
25	T	2-Butanone	250.000	300.963	-20.4	134	0.00
26	T	2,2-Dichloropropane	50.000	46.336	7.3	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.735	-9.5	127	0.00
28	T	Bromochloromethane	50.000	51.633	-3.3	110	0.00
29	T	Tetrahydrofuran	250.000	301.179	-20.5	134	0.00
30	C	Chloroform	50.000	53.927	-7.9#	126	0.00
31	T	Cyclohexane	50.000	47.018	6.0	114	0.00
32	T	1,1,1-Trichloroethane	50.000	50.680	-1.4	118	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.048	-4.1	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	122	0.00
35	S	Dibromofluoromethane	50.000	48.896	2.2	122	0.00
36	T	1,1-Dichloropropene	50.000	47.101	5.8	118	0.00
37	T	Ethyl Acetate	50.000	53.903	-7.8	130	0.00
38	T	Carbon Tetrachloride	50.000	46.621	6.8	115	0.00
39	T	Methylcyclohexane	50.000	47.864	4.3	115	0.00
40	TM	Benzene	50.000	50.366	-0.7	124	0.00
41	T	Methacrylonitrile	50.000	52.474	-4.9	139	0.00
42	TM	1,2-Dichloroethane	50.000	51.413	-2.8	128	0.00
43	T	Isopropyl Acetate	50.000	54.477	-9.0	130	0.00
44	TM	Trichloroethene	50.000	48.687	2.6	123	0.00
45	C	1,2-Dichloropropane	50.000	51.402	-2.8#	127	0.00
46	T	Dibromomethane	50.000	51.551	-3.1	127	0.00
47	T	Bromodichloromethane	50.000	51.673	-3.3	128	0.00
48	T	Methyl methacrylate	50.000	57.755	-15.5	138	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1240.777	-24.1	147	0.00
50	S	Toluene-d8	50.000	47.500	5.0	118	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.927	-13.2	133	0.00
52	CM	Toluene	50.000	51.012	-2.0#	124	0.00
53	T	t-1,3-Dichloropropene	50.000	53.370	-6.7	128	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.555	-3.1	125	0.00
55	T	1,1,2-Trichloroethane	50.000	53.221	-6.4	131	0.00
56	T	Ethyl methacrylate	50.000	57.440	-14.9	132	0.00
57	T	1,3-Dichloropropane	50.000	53.017	-6.0	129	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.337	-15.3	135	0.00
59	T	2-Hexanone	250.000	292.196	-16.9	133	0.00
60	T	Dibromochloromethane	50.000	52.806	-5.6	130	0.00
61	T	1,2-Dibromoethane	50.000	54.298	-8.6	131	0.00
62	S	4-Bromofluorobenzene	50.000	50.047	-0.1	121	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	123	0.00
64	T	Tetrachloroethene	50.000	46.740	6.5	118	0.00
65	PM	Chlorobenzene	50.000	49.108	1.8	124	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.676	0.6	126	0.00
67	C	Ethyl Benzene	50.000	48.801	2.4#	121	0.00
68	T	m/p-Xylenes	100.000	98.007	2.0	121	0.00
69	T	o-Xylene	50.000	50.520	-1.0	125	0.00
70	T	Styrene	50.000	51.673	-3.3	126	0.00
71	P	Bromoform	50.000	53.042	-6.1	132	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73	T	Isopropylbenzene	50.000	48.198	3.6	121	0.00
74	T	N-amyl acetate	50.000	54.857	-9.7	129	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.792	-3.6	130	0.00
76	T	1,2,3-Trichloropropane	50.000	50.742	-1.5	122	0.00
77	T	Bromobenzene	50.000	49.864	0.3	127	0.00
78	T	n-propylbenzene	50.000	47.034	5.9	117	0.00
79	T	2-Chlorotoluene	50.000	48.276	3.4	122	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.237	3.5	120	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.685	2.6	119	0.00
82	T	4-Chlorotoluene	50.000	47.738	4.5	121	0.00
83	T	tert-Butylbenzene	50.000	46.918	6.2	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.351	1.3	122	0.00
85	T	sec-Butylbenzene	50.000	46.426	7.1	117	0.00
86	T	p-Isopropyltoluene	50.000	47.080	5.8	116	0.00
87	T	1,3-Dichlorobenzene	50.000	48.421	3.2	123	0.00
88	T	1,4-Dichlorobenzene	50.000	48.235	3.5	122	0.00
89	T	n-Butylbenzene	50.000	46.790	6.4	114	0.00
90	T	Hexachloroethane	50.000	46.402	7.2	117	0.00
91	T	1,2-Dichlorobenzene	50.000	49.718	0.6	126	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.879	-9.8	135	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.622	-7.2	126	0.00
94	T	Hexachlorobutadiene	50.000	47.914	4.2	118	0.00
95	T	Naphthalene	50.000	72.370	-44.7#	160	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.499	-11.0	130	0.00

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