Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
Data File : VY021572.D
Acq On : 19 Mar 2025 16:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 20 01:31:21 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	42.396	15.2	90	0.00
3	P	Chloromethane	50.000	44.943	10.1	97	0.00
4	C	Vinyl Chloride	50.000	47.651	4.7#	101	0.00
5	T	Bromomethane	50.000	49.105	1.8	111	-0.01
6	T	Chloroethane	50.000	56.022	-12.0	117	0.00
7	T	Trichlorofluoromethane	50.000	54.889	-9.8	116	-0.01
8	T	Diethyl Ether	50.000	58.843	-17.7	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.942	4.1	104	-0.02
10	T	Methyl Iodide	50.000	59.202	-18.4	111	-0.01
11	T	Tert butyl alcohol	250.000	335.662	-34.3#	123	-0.02
12	CM	1,1-Dichloroethene	50.000	49.156	1.7#	103	-0.01
13	T	Acrolein	250.000	48.776	80.5#	119	0.00
14	T	Allyl chloride	50.000	51.508	-3.0	105	-0.01
15	T	Acrylonitrile	250.000	305.057	-22.0	117	0.00
16	T	Acetone	250.000	223.509	10.6	79	0.00
17	T	Carbon Disulfide	50.000	44.865	10.3	91	-0.01
18	T	Methyl Acetate	50.000	77.769	-55.5#	144	0.00
19	T	Methyl tert-butyl Ether	50.000	60.113	-20.2	118	0.00
20	T	Methylene Chloride	50.000	51.100	-2.2	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.364	-0.7	106	-0.02
22	T	Diisopropyl ether	50.000	55.850	-11.7	111	0.00
23	T	Vinyl Acetate	250.000	280.483	-12.2	106	-0.01
24	P	1,1-Dichloroethane	50.000	52.877	-5.8	110	-0.01
25	T	2-Butanone	250.000	287.898	-15.2	105	0.00
26	T	2,2-Dichloropropane	50.000	45.900	8.2	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.903	-9.8	113	0.00
28	T	Bromochloromethane	50.000	56.122	-12.2	110	0.00
29	T	Tetrahydrofuran	250.000	308.387	-23.4	113	0.00
30	C	Chloroform	50.000	54.264	-8.5#	113	0.00
31	T	Cyclohexane	50.000	44.412	11.2	96	0.00
32	T	1,1,1-Trichloroethane	50.000	50.855	-1.7	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.144	-8.3	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	49.875	0.3	124	0.00
36	T	1,1-Dichloropropene	50.000	45.586	8.8	101	0.00
37	T	Ethyl Acetate	50.000	54.866	-9.7	112	0.00
38	T	Carbon Tetrachloride	50.000	46.483	7.0	104	0.00
39	T	Methylcyclohexane	50.000	44.340	11.3	96	0.00
40	TM	Benzene	50.000	49.448	1.1	108	0.00
41	T	Methacrylonitrile	50.000	46.461	7.1	98	0.00
42	TM	1,2-Dichloroethane	50.000	52.072	-4.1	113	0.00
43	T	Isopropyl Acetate	50.000	56.994	-14.0	116	0.00
44	TM	Trichloroethene	50.000	49.277	1.4	110	0.00
45	C	1,2-Dichloropropane	50.000	51.353	-2.7#	112	0.00
46	T	Dibromomethane	50.000	53.859	-7.7	113	0.00
47	T	Bromodichloromethane	50.000	53.041	-6.1	115	0.00
48	T	Methyl methacrylate	50.000	57.355	-14.7	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1263.239	-26.3#	123	0.00
50	S	Toluene-d8	50.000	47.826	4.3	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	309.722	-23.9	120	0.00
52	CM	Toluene	50.000	71.588	-43.2#	154	0.00
53	T	t-1,3-Dichloropropene	50.000	53.456	-6.9	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.725	-5.5	111	0.00
55	T	1,1,2-Trichloroethane	50.000	55.566	-11.1	115	0.00
56	T	Ethyl methacrylate	50.000	61.089	-22.2	119	0.00
57	T	1,3-Dichloropropane	50.000	55.402	-10.8	117	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.737	-13.5	112	0.00
59	T	2-Hexanone	250.000	301.253	-20.5	111	0.00
60	T	Dibromochloromethane	50.000	55.564	-11.1	118	0.00
61	T	1,2-Dibromoethane	50.000	55.675	-11.3	117	0.00
62	S	4-Bromofluorobenzene	50.000	51.623	-3.2	126	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64	T	Tetrachloroethene	50.000	53.352	-6.7	123	0.00
65	PM	Chlorobenzene	50.000	49.118	1.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.865	-1.7	115	0.00
67	C	Ethyl Benzene	50.000	48.230	3.5#	107	0.00
68	T	m/p-Xylenes	100.000	97.447	2.6	106	0.00
69	T	o-Xylene	50.000	50.663	-1.3	110	0.00
70	T	Styrene	50.000	52.211	-4.4	112	0.00
71	P	Bromoform	50.000	55.165	-10.3	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	46.798	6.4	108	0.00
74	T	N-amyl acetate	50.000	54.549	-9.1	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.789	0.4	112	0.00
76	T	1,2,3-Trichloropropane	50.000	50.360	-0.7	122	0.00
77	T	Bromobenzene	50.000	48.992	2.0	115	0.00
78	T	n-propylbenzene	50.000	45.873	8.3	106	0.00
79	T	2-Chlorotoluene	50.000	47.172	5.7	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.492	5.0	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.384	1.2	109	0.00
82	T	4-Chlorotoluene	50.000	46.737	6.5	110	0.00
83	T	tert-Butylbenzene	50.000	47.405	5.2	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.366	3.3	111	0.00
85	T	sec-Butylbenzene	50.000	45.856	8.3	106	0.00
86	T	p-Isopropyltoluene	50.000	46.721	6.6	108	0.00
87	T	1,3-Dichlorobenzene	50.000	47.027	5.9	112	0.00
88	T	1,4-Dichlorobenzene	50.000	47.690	4.6	113	0.00
89	T	n-Butylbenzene	50.000	46.538	6.9	105	0.00
90	T	Hexachloroethane	50.000	46.569	6.9	113	0.00
91	T	1,2-Dichlorobenzene	50.000	49.823	0.4	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.790	-7.6	122	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.214	-6.4	119	0.00
94	T	Hexachlorobutadiene	50.000	49.097	1.8	113	0.00
95	T	Naphthalene	50.000	60.772	-21.5	135	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.514	-11.0	122	0.00

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