Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021474.D
Acq On : 11 Mar 2025 09:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:22:40 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	43.973	12.1	93	0.00
3	P	Chloromethane	50.000	47.834	4.3	104	0.00
4	C	Vinyl Chloride	50.000	50.709	-1.4#	108	0.00
5	T	Bromomethane	50.000	45.662	8.7	103	-0.01
6	T	Chloroethane	50.000	51.893	-3.8	109	0.00
7	T	Trichlorofluoromethane	50.000	49.950	0.1	106	-0.01
8	T	Diethyl Ether	50.000	47.231	5.5	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.792	6.4	102	-0.01
10	T	Methyl Iodide	50.000	52.592	-5.2	99	0.00
11	T	Tert butyl alcohol	250.000	240.812	3.7	91	0.00
12	CM	1,1-Dichloroethene	50.000	46.552	6.9#	98	-0.01
13	T	Acrolein	250.000	37.200	85.1#	91	-0.01
14	T	Allyl chloride	50.000	47.024	6.0	96	-0.01
15	T	Acrylonitrile	250.000	247.791	0.9	96	-0.01
16	T	Acetone	250.000	216.052	13.6	77	0.00
17	T	Carbon Disulfide	50.000	46.140	7.7	94	-0.01
18	T	Methyl Acetate	50.000	56.398	-12.8	105	0.00
19	T	Methyl tert-butyl Ether	50.000	48.996	2.0	97	0.00
20	T	Methylene Chloride	50.000	43.705	12.6	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.301	5.4	100	-0.02
22	T	Diisopropyl ether	50.000	48.039	3.9	96	0.00
23	T	Vinyl Acetate	250.000	245.726	1.7	94	-0.01
24	P	1,1-Dichloroethane	50.000	46.967	6.1	98	-0.01
25	T	2-Butanone	250.000	235.390	5.8	86	0.00
26	T	2,2-Dichloropropane	50.000	46.640	6.7	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.921	4.2	99	0.00
28	T	Bromochloromethane	50.000	47.829	4.3	94	0.00
29	T	Tetrahydrofuran	250.000	252.319	-0.9	93	0.00
30	C	Chloroform	50.000	47.304	5.4#	99	0.00
31	T	Cyclohexane	50.000	44.226	11.5	96	0.00
32	T	1,1,1-Trichloroethane	50.000	47.353	5.3	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	38.532	22.9	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	39.907	20.2	90	0.00
36	T	1,1-Dichloropropene	50.000	48.852	2.3	98	0.00
37	T	Ethyl Acetate	50.000	50.376	-0.8	93	0.00
38	T	Carbon Tetrachloride	50.000	49.521	1.0	101	0.00
39	T	Methylcyclohexane	50.000	49.229	1.5	96	0.00
40	TM	Benzene	50.000	49.194	1.6	98	0.00
41	T	Methacrylonitrile	50.000	56.275	-12.5	107	0.00
42	TM	1,2-Dichloroethane	50.000	49.870	0.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.410	1.2	91	0.00
44	TM	Trichloroethene	50.000	48.932	2.1	99	0.00
45	C	1,2-Dichloropropane	50.000	49.342	1.3#	98	0.00
46	T	Dibromomethane	50.000	50.735	-1.5	97	0.00
47	T	Bromodichloromethane	50.000	50.133	-0.3	98	0.00
48	T	Methyl methacrylate	50.000	52.699	-5.4	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1175.771	-17.6	104	0.00
50	S	Toluene-d8	50.000	39.006	22.0	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.090	-6.8	93	0.00
52	CM	Toluene	50.000	49.929	0.1#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	51.607	-3.2	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.373	-0.7	96	0.00
55	T	1,1,2-Trichloroethane	50.000	51.085	-2.2	96	0.00
56	T	Ethyl methacrylate	50.000	53.976	-8.0	95	0.00
57	T	1,3-Dichloropropane	50.000	51.054	-2.1	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.699	-11.1	100	0.00
59	T	2-Hexanone	250.000	274.788	-9.9	92	0.00
60	T	Dibromochloromethane	50.000	51.071	-2.1	99	0.00
61	T	1,2-Dibromoethane	50.000	51.119	-2.2	98	0.00
62	S	4-Bromofluorobenzene	50.000	40.403	19.2	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	49.184	1.6	102	0.00
65	PM	Chlorobenzene	50.000	47.990	4.0	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.937	2.1	100	0.00
67	C	Ethyl Benzene	50.000	49.057	1.9#	98	0.00
68	T	m/p-Xylenes	100.000	98.518	1.5	97	0.00
69	T	o-Xylene	50.000	50.116	-0.2	99	0.00
70	T	Styrene	50.000	51.002	-2.0	99	0.00
71	P	Bromoform	50.000	51.617	-3.2	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	48.180	3.6	99	0.00
74	T	N-amyl acetate	50.000	50.434	-0.9	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.586	4.8	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.666	-1.3	109	0.00
77	T	Bromobenzene	50.000	48.241	3.5	101	0.00
78	T	n-propylbenzene	50.000	48.420	3.2	99	0.00
79	T	2-Chlorotoluene	50.000	47.664	4.7	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.127	1.7	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.453	5.1	93	0.00
82	T	4-Chlorotoluene	50.000	47.377	5.2	99	0.00
83	T	tert-Butylbenzene	50.000	48.707	2.6	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.160	1.7	100	0.00
85	T	sec-Butylbenzene	50.000	48.819	2.4	100	0.00
86	T	p-Isopropyltoluene	50.000	49.646	0.7	102	0.00
87	T	1,3-Dichlorobenzene	50.000	47.610	4.8	101	0.00
88	T	1,4-Dichlorobenzene	50.000	48.018	4.0	102	0.00
89	T	n-Butylbenzene	50.000	50.082	-0.2	100	0.00
90	T	Hexachloroethane	50.000	47.280	5.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	48.823	2.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.503	-1.0	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.321	-6.6	106	0.00
94	T	Hexachlorobutadiene	50.000	50.750	-1.5	104	0.00
95	T	Naphthalene	50.000	53.275	-6.5	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.397	-6.8	104	0.00

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