Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021406.D
Acq On : 05 Mar 2025 11:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 06 02:53:15 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	43.044	13.9	95	0.00
3	P	Chloromethane	50.000	46.533	6.9	105	0.00
4	C	Vinyl Chloride	50.000	49.013	2.0#	108	0.00
5	T	Bromomethane	50.000	44.442	11.1	105	-0.01
6	T	Chloroethane	50.000	49.203	1.6	108	0.00
7	T	Trichlorofluoromethane	50.000	47.042	5.9	104	-0.01
8	T	Diethyl Ether	50.000	47.601	4.8	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.326	13.3	98	-0.02
10	T	Methyl Iodide	50.000	49.624	0.8	97	0.00
11	T	Tert butyl alcohol	250.000	286.190	-14.5	111	-0.02
12	CM	1,1-Dichloroethene	50.000	45.238	9.5#	99	-0.01
13	T	Acrolein	250.000	46.427	81.4#	118	-0.01
14	T	Allyl chloride	50.000	46.568	6.9	99	-0.02
15	T	Acrylonitrile	250.000	252.927	-1.2	102	-0.01
16	T	Acetone	250.000	231.321	7.5	86	0.00
17	T	Carbon Disulfide	50.000	45.680	8.6	97	-0.01
18	T	Methyl Acetate	50.000	53.670	-7.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	50.509	-1.0	104	-0.01
20	T	Methylene Chloride	50.000	43.196	13.6	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.818	8.4	101	-0.01
22	T	Diisopropyl ether	50.000	48.029	3.9	100	0.00
23	T	Vinyl Acetate	250.000	252.076	-0.8	100	-0.01
24	P	1,1-Dichloroethane	50.000	46.229	7.5	100	-0.01
25	T	2-Butanone	250.000	253.470	-1.4	97	0.00
26	T	2,2-Dichloropropane	50.000	44.466	11.1	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.150	5.7	102	0.00
28	T	Bromochloromethane	50.000	44.253	11.5	90	0.00
29	T	Tetrahydrofuran	250.000	269.354	-7.7	104	0.00
30	C	Chloroform	50.000	45.834	8.3#	100	0.00
31	T	Cyclohexane	50.000	41.520	17.0	94	0.00
32	T	1,1,1-Trichloroethane	50.000	45.079	9.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.234	-6.5	126	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	52.901	-5.8	128	0.00
36	T	1,1-Dichloropropene	50.000	45.106	9.8	98	0.00
37	T	Ethyl Acetate	50.000	53.803	-7.6	108	0.00
38	T	Carbon Tetrachloride	50.000	44.691	10.6	98	0.00
39	T	Methylcyclohexane	50.000	43.215	13.6	91	0.00
40	TM	Benzene	50.000	46.197	7.6	99	0.00
41	T	Methacrylonitrile	50.000	50.125	-0.3	104	0.00
42	TM	1,2-Dichloroethane	50.000	47.970	4.1	102	0.00
43	T	Isopropyl Acetate	50.000	51.322	-2.6	102	0.00
44	TM	Trichloroethene	50.000	46.074	7.9	101	0.00
45	C	1,2-Dichloropropane	50.000	46.927	6.1#	101	0.00
46	T	Dibromomethane	50.000	48.947	2.1	101	0.00
47	T	Bromodichloromethane	50.000	47.285	5.4	101	0.00
48	T	Methyl methacrylate	50.000	52.184	-4.4	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1122.923	-12.3	107	0.00
50	S	Toluene-d8	50.000	52.163	-4.3	125	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.938	-9.2	103	0.00
52	CM	Toluene	50.000	46.465	7.1#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	49.289	1.4	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.542	2.9	101	0.00
55	T	1,1,2-Trichloroethane	50.000	48.631	2.7	99	0.00
56	T	Ethyl methacrylate	50.000	54.143	-8.3	103	0.00
57	T	1,3-Dichloropropane	50.000	49.525	1.0	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.125	0.8	96	0.00
59	T	2-Hexanone	250.000	280.170	-12.1	101	0.00
60	T	Dibromochloromethane	50.000	49.004	2.0	102	0.00
61	T	1,2-Dibromoethane	50.000	49.321	1.4	102	0.00
62	S	4-Bromofluorobenzene	50.000	53.071	-6.1	127	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	45.156	9.7	100	0.00
65	PM	Chlorobenzene	50.000	45.917	8.2	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.918	8.2	100	0.00
67	C	Ethyl Benzene	50.000	46.058	7.9#	98	0.00
68	T	m/p-Xylenes	100.000	92.530	7.5	97	0.00
69	T	o-Xylene	50.000	47.314	5.4	99	0.00
70	T	Styrene	50.000	48.382	3.2	100	0.00
71	P	Bromoform	50.000	50.160	-0.3	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	44.162	11.7	95	0.00
74	T	N-amyl acetate	50.000	52.291	-4.6	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.234	3.5	102	0.00
76	T	1,2,3-Trichloropropane	50.000	48.620	2.8	110	0.00
77	T	Bromobenzene	50.000	45.684	8.6	101	0.00
78	T	n-propylbenzene	50.000	44.273	11.5	96	0.00
79	T	2-Chlorotoluene	50.000	44.583	10.8	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.401	11.2	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.734	0.5	102	0.00
82	T	4-Chlorotoluene	50.000	45.344	9.3	100	0.00
83	T	tert-Butylbenzene	50.000	43.981	12.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.406	9.2	98	0.00
85	T	sec-Butylbenzene	50.000	42.229	15.5	91	0.00
86	T	p-Isopropyltoluene	50.000	43.535	12.9	94	0.00
87	T	1,3-Dichlorobenzene	50.000	44.444	11.1	100	0.00
88	T	1,4-Dichlorobenzene	50.000	44.918	10.2	100	0.00
89	T	n-Butylbenzene	50.000	43.542	12.9	92	0.00
90	T	Hexachloroethane	50.000	42.276	15.4	96	0.00
91	T	1,2-Dichlorobenzene	50.000	46.327	7.3	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.147	-0.3	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.018	4.0	100	0.00
94	T	Hexachlorobutadiene	50.000	43.444	13.1	94	0.00
95	T	Naphthalene	50.000	51.539	-3.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.920	2.2	101	0.00

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