Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021746.D
Acq On : 01 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 02 03:25:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	49.247	1.5	93	0.00
3	P	Chloromethane	50.000	48.142	3.7	93	0.00
4	C	Vinyl Chloride	50.000	47.607	4.8#	90	0.00
5	T	Bromomethane	50.000	48.623	2.8	98	0.00
6	T	Chloroethane	50.000	48.589	2.8	94	0.00
7	T	Trichlorofluoromethane	50.000	49.126	1.7	94	0.00
8	T	Diethyl Ether	50.000	50.800	-1.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.325	-0.7	96	0.00
10	T	Methyl Iodide	50.000	54.931	-9.9	94	0.00
11	T	Tert butyl alcohol	250.000	219.018	12.4	84	0.00
12	CM	1,1-Dichloroethene	50.000	51.643	-3.3#	97	0.00
13	T	Acrolein	250.000	141.334	43.5#	53	0.01
14	T	Allyl chloride	50.000	52.015	-4.0	96	0.00
15	T	Acrylonitrile	250.000	250.257	-0.1	91	0.00
16	T	Acetone	250.000	199.489	20.2	76	0.00
17	T	Carbon Disulfide	50.000	50.679	-1.4	95	0.00
18	T	Methyl Acetate	50.000	54.099	-8.2	103	0.00
19	T	Methyl tert-butyl Ether	50.000	52.228	-4.5	95	0.00
20	T	Methylene Chloride	50.000	57.061	-14.1	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.524	-7.0	100	0.00
22	T	Diisopropyl ether	50.000	54.362	-8.7	97	0.00
23	T	Vinyl Acetate	250.000	258.853	-3.5	92	0.00
24	P	1,1-Dichloroethane	50.000	52.937	-5.9	98	0.00
25	T	2-Butanone	250.000	233.828	6.5	86	0.00
26	T	2,2-Dichloropropane	50.000	49.999	0.0	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.104	-8.2	99	0.00
28	T	Bromochloromethane	50.000	53.172	-6.3	102	0.00
29	T	Tetrahydrofuran	250.000	240.114	4.0	86	0.00
30	C	Chloroform	50.000	53.283	-6.6#	99	0.00
31	T	Cyclohexane	50.000	49.089	1.8	94	0.00
32	T	1,1,1-Trichloroethane	50.000	52.411	-4.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.072	-4.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	53.294	-6.6	96	0.00
36	T	1,1-Dichloropropene	50.000	51.774	-3.5	96	0.00
37	T	Ethyl Acetate	50.000	48.106	3.8	90	0.00
38	T	Carbon Tetrachloride	50.000	51.238	-2.5	97	0.00
39	T	Methylcyclohexane	50.000	52.175	-4.3	94	0.00
40	TM	Benzene	50.000	52.659	-5.3	98	0.00
41	T	Methacrylonitrile	50.000	52.108	-4.2	89	0.00
42	TM	1,2-Dichloroethane	50.000	51.488	-3.0	96	0.00
43	T	Isopropyl Acetate	50.000	48.930	2.1	90	0.00
44	TM	Trichloroethene	50.000	52.192	-4.4	99	0.00
45	C	1,2-Dichloropropane	50.000	53.840	-7.7#	101	0.00
46	T	Dibromomethane	50.000	52.056	-4.1	100	0.00
47	T	Bromodichloromethane	50.000	52.827	-5.7	99	0.00
48	T	Methyl methacrylate	50.000	51.567	-3.1	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	964.848	3.5	88	0.00
50	S	Toluene-d8	50.000	53.816	-7.6	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	252.445	-1.0	91	0.00
52	CM	Toluene	50.000	54.021	-8.0#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	52.720	-5.4	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.835	-7.7	98	0.00
55	T	1,1,2-Trichloroethane	50.000	53.148	-6.3	100	0.00
56	T	Ethyl methacrylate	50.000	54.536	-9.1	93	0.00
57	T	1,3-Dichloropropane	50.000	53.021	-6.0	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.550	-11.8	95	0.00
59	T	2-Hexanone	250.000	252.008	-0.8	89	0.00
60	T	Dibromochloromethane	50.000	53.658	-7.3	99	0.00
61	T	1,2-Dibromoethane	50.000	53.362	-6.7	97	0.00
62	S	4-Bromofluorobenzene	50.000	54.516	-9.0	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	50.125	-0.3	97	0.00
65	PM	Chlorobenzene	50.000	51.879	-3.8	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.737	-5.5	99	0.00
67	C	Ethyl Benzene	50.000	53.827	-7.7#	98	0.00
68	T	m/p-Xylenes	100.000	108.095	-8.1	99	0.00
69	T	o-Xylene	50.000	54.577	-9.2	98	0.00
70	T	Styrene	50.000	54.814	-9.6	98	0.00
71	P	Bromoform	50.000	51.635	-3.3	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.840	-3.7	97	0.00
74	T	N-amyl acetate	50.000	48.977	2.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.871	4.3	94	0.00
76	T	1,2,3-Trichloropropane	50.000	48.886	2.2	94	0.00
77	T	Bromobenzene	50.000	51.159	-2.3	99	0.00
78	T	n-propylbenzene	50.000	52.614	-5.2	99	0.00
79	T	2-Chlorotoluene	50.000	51.847	-3.7	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.858	-5.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.841	6.3	88	0.00
82	T	4-Chlorotoluene	50.000	51.600	-3.2	98	0.00
83	T	tert-Butylbenzene	50.000	52.129	-4.3	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.919	-5.8	98	0.00
85	T	sec-Butylbenzene	50.000	51.695	-3.4	97	0.00
86	T	p-Isopropyltoluene	50.000	52.594	-5.2	97	0.00
87	T	1,3-Dichlorobenzene	50.000	50.643	-1.3	99	0.00
88	T	1,4-Dichlorobenzene	50.000	50.265	-0.5	97	0.00
89	T	n-Butylbenzene	50.000	51.820	-3.6	95	0.00
90	T	Hexachloroethane	50.000	50.553	-1.1	99	0.00
91	T	1,2-Dichlorobenzene	50.000	50.734	-1.5	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.745	4.5	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.771	-1.5	93	0.00
94	T	Hexachlorobutadiene	50.000	49.684	0.6	95	0.00
95	T	Naphthalene	50.000	50.715	-1.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.143	-2.3	94	0.00

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