Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
Data File : VY021626.D
Acq On : 24 Mar 2025 18:21
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: Mar 25 01:32:46 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	70	0.00
2	T	Dichlorodifluoromethane	50.000	37.363	25.3#	53	0.00
3	P	Chloromethane	50.000	44.106	11.8	64	0.00
4	C	Vinyl Chloride	50.000	45.452	9.1#	65	0.00
5	T	Bromomethane	50.000	46.036	7.9	70	-0.01
6	T	Chloroethane	50.000	50.645	-1.3	71	0.00
7	T	Trichlorofluoromethane	50.000	46.035	7.9	65	-0.01
8	T	Diethyl Ether	50.000	53.698	-7.4	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.756	10.5	65	-0.02
10	T	Methyl Iodide	50.000	52.782	-5.6	66	0.00
11	T	Tert butyl alcohol	250.000	268.303	-7.3	67	0.00
12	CM	1,1-Dichloroethene	50.000	45.212	9.6#	64	-0.01
13	T	Acrolein	250.000	31.345	87.5#	51	-0.02
14	T	Allyl chloride	50.000	50.129	-0.3	69	-0.01
15	T	Acrylonitrile	250.000	294.349	-17.7	76	-0.01
16	T	Acetone	250.000	221.619	11.4	53	0.00
17	T	Carbon Disulfide	50.000	40.806	18.4	56	-0.01
18	T	Methyl Acetate	50.000	81.915	-63.8#	102	0.00
19	T	Methyl tert-butyl Ether	50.000	57.243	-14.5	76	0.00
20	T	Methylene Chloride	50.000	53.592	-7.2	82	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.808	2.4	69	-0.02
22	T	Diisopropyl ether	50.000	57.603	-15.2	77	0.00
23	T	Vinyl Acetate	250.000	266.285	-6.5	68	-0.01
24	P	1,1-Dichloroethane	50.000	53.094	-6.2	74	-0.01
25	T	2-Butanone	250.000	268.445	-7.4	66	0.00
26	T	2,2-Dichloropropane	50.000	43.971	12.1	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.247	-6.5	74	0.00
28	T	Bromochloromethane	50.000	57.376	-14.8	76	0.00
29	T	Tetrahydrofuran	250.000	293.754	-17.5	73	-0.01
30	C	Chloroform	50.000	55.189	-10.4#	77	0.00
31	T	Cyclohexane	50.000	40.081	19.8	59	0.00
32	T	1,1,1-Trichloroethane	50.000	49.270	1.5	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.434	-4.9	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	49.937	0.1	83	0.00
36	T	1,1-Dichloropropene	50.000	43.814	12.4	65	0.00
37	T	Ethyl Acetate	50.000	53.260	-6.5	73	0.00
38	T	Carbon Tetrachloride	50.000	45.708	8.6	69	0.00
39	T	Methylcyclohexane	50.000	39.805	20.4	57	0.00
40	TM	Benzene	50.000	49.373	1.3	72	0.00
41	T	Methacrylonitrile	50.000	62.388	-24.8	88	0.00
42	TM	1,2-Dichloroethane	50.000	53.370	-6.7	77	-0.01
43	T	Isopropyl Acetate	50.000	54.233	-8.5	74	0.00
44	TM	Trichloroethene	50.000	48.318	3.4	72	0.00
45	C	1,2-Dichloropropane	50.000	52.647	-5.3#	77	0.00
46	T	Dibromomethane	50.000	54.191	-8.4	76	0.00
47	T	Bromodichloromethane	50.000	54.918	-9.8	80	0.00
48	T	Methyl methacrylate	50.000	55.020	-10.0	73	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1243.387	-24.3	81	0.00
50	S	Toluene-d8	50.000	46.137	7.7	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	289.490	-15.8	75	0.00
52	CM	Toluene	50.000	50.417	-0.8#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	53.984	-8.0	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.135	-4.3	74	0.00
55	T	1,1,2-Trichloroethane	50.000	55.737	-11.5	77	0.00
56	T	Ethyl methacrylate	50.000	58.193	-16.4	76	0.00
57	T	1,3-Dichloropropane	50.000	55.440	-10.9	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	338.646	-35.5#	90	0.00
59	T	2-Hexanone	250.000	288.187	-15.3	71	0.00
60	T	Dibromochloromethane	50.000	55.867	-11.7	80	0.00
61	T	1,2-Dibromoethane	50.000	56.061	-12.1	79	0.00
62	S	4-Bromofluorobenzene	50.000	50.764	-1.5	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	51.147	-2.3	81	0.00
65	PM	Chlorobenzene	50.000	48.218	3.6	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.613	-1.2	79	0.00
67	C	Ethyl Benzene	50.000	46.739	6.5#	71	0.00
68	T	m/p-Xylenes	100.000	94.785	5.2	71	0.00
69	T	o-Xylene	50.000	49.864	0.3	75	0.00
70	T	Styrene	50.000	51.826	-3.7	77	0.00
71	P	Bromoform	50.000	53.803	-7.6	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	43.710	12.6	72	0.00
74	T	N-amyl acetate	50.000	49.177	1.6	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.640	4.7	77	0.00
76	T	1,2,3-Trichloropropane	50.000	47.274	5.5	82	0.00
77	T	Bromobenzene	50.000	47.200	5.6	79	0.00
78	T	n-propylbenzene	50.000	43.388	13.2	71	0.00
79	T	2-Chlorotoluene	50.000	45.028	9.9	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.256	9.5	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.274	7.5	72	0.00
82	T	4-Chlorotoluene	50.000	45.168	9.7	76	0.00
83	T	tert-Butylbenzene	50.000	44.797	10.4	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.357	7.3	76	0.00
85	T	sec-Butylbenzene	50.000	43.417	13.2	71	0.00
86	T	p-Isopropyltoluene	50.000	44.691	10.6	73	0.00
87	T	1,3-Dichlorobenzene	50.000	45.990	8.0	78	0.00
88	T	1,4-Dichlorobenzene	50.000	46.523	7.0	79	0.00
89	T	n-Butylbenzene	50.000	44.007	12.0	71	0.00
90	T	Hexachloroethane	50.000	44.718	10.6	77	0.00
91	T	1,2-Dichlorobenzene	50.000	48.266	3.5	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.309	-0.6	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.196	-2.4	81	0.00
94	T	Hexachlorobutadiene	50.000	46.605	6.8	77	0.00
95	T	Naphthalene	50.000	55.292	-10.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.625	-9.3	86	0.00

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