Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
Data File : VY021162.D
Acq On : 10 Feb 2025 18:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 11 00:33:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	44.421	11.2	59	0.00
3	P	Chloromethane	50.000	44.525	11.0	62	0.00
4	C	Vinyl Chloride	50.000	43.180	13.6#	60	0.00
5	T	Bromomethane	50.000	43.754	12.5	61	0.00
6	T	Chloroethane	50.000	44.736	10.5	61	0.00
7	T	Trichlorofluoromethane	50.000	43.057	13.9	58	0.00
8	T	Diethyl Ether	50.000	51.450	-2.9	71	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.120	13.8	58	0.00
10	T	Methyl Iodide	50.000	47.409	5.2	60	0.00
11	T	Tert butyl alcohol	250.000	249.179	0.3	72	0.00
12	CM	1,1-Dichloroethene	50.000	45.262	9.5#	61	0.00
13	T	Acrolein	250.000	184.646	26.1#	50	0.00
14	T	Allyl chloride	50.000	48.363	3.3	64	0.00
15	T	Acrylonitrile	250.000	277.854	-11.1	72	0.00
16	T	Acetone	250.000	277.684	-11.1	76	0.00
17	T	Carbon Disulfide	50.000	45.087	9.8	60	0.00
18	T	Methyl Acetate	50.000	57.845	-15.7	75	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.293	-8.6	71	0.00
20	T	Methylene Chloride	50.000	50.653	-1.3	69	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.956	4.1	64	0.00
22	T	Diisopropyl ether	50.000	52.884	-5.8	70	0.00
23	T	Vinyl Acetate	250.000	274.492	-9.8	71	0.00
24	P	1,1-Dichloroethane	50.000	50.297	-0.6	68	0.00
25	T	2-Butanone	250.000	283.640	-13.5	73	0.00
26	T	2,2-Dichloropropane	50.000	39.987	20.0	55	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.341	-0.7	67	0.00
28	T	Bromochloromethane	50.000	54.395	-8.8	67	0.00
29	T	Tetrahydrofuran	250.000	292.524	-17.0	75	0.00
30	C	Chloroform	50.000	51.717	-3.4#	69	0.00
31	T	Cyclohexane	50.000	41.992	16.0	59	0.00
32	T	1,1,1-Trichloroethane	50.000	48.156	3.7	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	59.586	-19.2	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	54.252	-8.5	77	0.00
36	T	1,1-Dichloropropene	50.000	43.878	12.2	63	0.00
37	T	Ethyl Acetate	50.000	54.210	-8.4	75	0.00
38	T	Carbon Tetrachloride	50.000	44.660	10.7	63	0.00
39	T	Methylcyclohexane	50.000	41.759	16.5	57	0.00
40	TM	Benzene	50.000	47.513	5.0	67	0.00
41	T	Methacrylonitrile	50.000	52.547	-5.1	80	0.00
42	TM	1,2-Dichloroethane	50.000	50.737	-1.5	72	0.00
43	T	Isopropyl Acetate	50.000	53.908	-7.8	74	0.00
44	TM	Trichloroethene	50.000	45.189	9.6	65	0.00
45	C	1,2-Dichloropropane	50.000	48.821	2.4#	69	0.00
46	T	Dibromomethane	50.000	51.292	-2.6	72	0.00
47	T	Bromodichloromethane	50.000	49.568	0.9	70	0.00
48	T	Methyl methacrylate	50.000	55.612	-11.2	76	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1174.960	-17.5	80	0.00
50	S	Toluene-d8	50.000	52.889	-5.8	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.208	-10.9	74	0.00
52	CM	Toluene	50.000	48.171	3.7#	67	0.00
53	T	t-1,3-Dichloropropene	50.000	49.533	0.9	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.646	2.7	67	0.00
55	T	1,1,2-Trichloroethane	50.000	50.481	-1.0	71	0.00
56	T	Ethyl methacrylate	50.000	54.905	-9.8	72	0.00
57	T	1,3-Dichloropropane	50.000	52.287	-4.6	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.173	-8.1	72	0.00
59	T	2-Hexanone	250.000	287.119	-14.8	75	0.00
60	T	Dibromochloromethane	50.000	49.532	0.9	70	0.00
61	T	1,2-Dibromoethane	50.000	51.027	-2.1	70	0.00
62	S	4-Bromofluorobenzene	50.000	57.281	-14.6	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	41.957	16.1	63	0.00
65	PM	Chlorobenzene	50.000	45.645	8.7	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.380	7.2	70	0.00
67	C	Ethyl Benzene	50.000	44.922	10.2#	67	0.00
68	T	m/p-Xylenes	100.000	89.831	10.2	66	0.00
69	T	o-Xylene	50.000	46.259	7.5	68	0.00
70	T	Styrene	50.000	47.730	4.5	69	0.00
71	P	Bromoform	50.000	50.117	-0.2	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	40.553	18.9	66	0.00
74	T	N-amyl acetate	50.000	48.708	2.6	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.066	9.9	73	0.00
76	T	1,2,3-Trichloropropane	50.000	41.876	16.2	65	0.00
77	T	Bromobenzene	50.000	42.449	15.1	70	0.00
78	T	n-propylbenzene	50.000	41.122	17.8	66	0.00
79	T	2-Chlorotoluene	50.000	41.637	16.7	68	0.00
80	T	1,3,5-Trimethylbenzene	50.000	41.985	16.0	68	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.560	18.9	64	0.00
82	T	4-Chlorotoluene	50.000	42.105	15.8	69	0.00
83	T	tert-Butylbenzene	50.000	40.729	18.5	65	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.461	13.1	70	0.00
85	T	sec-Butylbenzene	50.000	40.468	19.1	66	0.00
86	T	p-Isopropyltoluene	50.000	41.369	17.3	66	0.00
87	T	1,3-Dichlorobenzene	50.000	42.988	14.0	70	0.00
88	T	1,4-Dichlorobenzene	50.000	42.536	14.9	69	0.00
89	T	n-Butylbenzene	50.000	41.275	17.5	65	0.00
90	T	Hexachloroethane	50.000	41.804	16.4	68	0.00
91	T	1,2-Dichlorobenzene	50.000	43.958	12.1	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.166	3.7	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.893	8.2	70	0.00
94	T	Hexachlorobutadiene	50.000	41.414	17.2	66	0.00
95	T	Naphthalene	50.000	51.726	-3.5	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.144	3.7	73	0.00

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