Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022068.D
Acq On : 29 Apr 2025 19:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 30 01:36:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	45.968	8.1	83	0.00
3	P	Chloromethane	50.000	48.129	3.7	81	0.00
4	C	Vinyl Chloride	50.000	50.132	-0.3#	86	0.00
5	T	Bromomethane	50.000	46.000	8.0	83	0.00
6	T	Chloroethane	50.000	51.778	-3.6	89	0.00
7	T	Trichlorofluoromethane	50.000	49.838	0.3	85	0.00
8	T	Diethyl Ether	50.000	50.792	-1.6	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.556	2.9	89	0.00
10	T	Methyl Iodide	50.000	54.192	-8.4	89	0.00
11	T	Tert butyl alcohol	250.000	269.330	-7.7	88	-0.02
12	CM	1,1-Dichloroethene	50.000	51.332	-2.7#	91	0.00
13	T	Acrolein	250.000	226.169	9.5	81	0.00
14	T	Allyl chloride	50.000	51.426	-2.9	90	0.00
15	T	Acrylonitrile	250.000	267.708	-7.1	90	0.00
16	T	Acetone	250.000	280.286	-12.1	89	-0.01
17	T	Carbon Disulfide	50.000	50.348	-0.7	89	0.00
18	T	Methyl Acetate	50.000	75.357	-50.7#	122	0.00
19	T	Methyl tert-butyl Ether	50.000	54.295	-8.6	89	0.00
20	T	Methylene Chloride	50.000	49.589	0.8	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.273	-6.5	93	0.00
22	T	Diisopropyl ether	50.000	54.768	-9.5	92	0.00
23	T	Vinyl Acetate	250.000	247.385	1.0	80	0.00
24	P	1,1-Dichloroethane	50.000	53.026	-6.1	93	0.00
25	T	2-Butanone	250.000	265.784	-6.3	89	0.00
26	T	2,2-Dichloropropane	50.000	47.023	6.0	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.341	-8.7	93	0.00
28	T	Bromochloromethane	50.000	53.320	-6.6	90	0.00
29	T	Tetrahydrofuran	250.000	274.027	-9.6	86	0.00
30	C	Chloroform	50.000	54.594	-9.2#	95	0.00
31	T	Cyclohexane	50.000	47.840	4.3	86	0.00
32	T	1,1,1-Trichloroethane	50.000	51.916	-3.8	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.995	-4.0	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	53.246	-6.5	89	0.00
36	T	1,1-Dichloropropene	50.000	51.671	-3.3	90	0.00
37	T	Ethyl Acetate	50.000	49.331	1.3	82	0.00
38	T	Carbon Tetrachloride	50.000	51.548	-3.1	90	0.00
39	T	Methylcyclohexane	50.000	49.780	0.4	85	0.00
40	TM	Benzene	50.000	53.938	-7.9	94	0.00
41	T	Methacrylonitrile	50.000	44.758	10.5	71	-0.01
42	TM	1,2-Dichloroethane	50.000	53.601	-7.2	92	0.00
43	T	Isopropyl Acetate	50.000	52.869	-5.7	87	0.00
44	TM	Trichloroethene	50.000	52.758	-5.5	93	0.00
45	C	1,2-Dichloropropane	50.000	54.340	-8.7#	93	0.00
46	T	Dibromomethane	50.000	55.126	-10.3	95	0.00
47	T	Bromodichloromethane	50.000	55.392	-10.8	95	0.00
48	T	Methyl methacrylate	50.000	54.252	-8.5	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1115.262	-11.5	94	0.00
50	S	Toluene-d8	50.000	53.676	-7.4	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.640	-12.7	88	0.00
52	CM	Toluene	50.000	55.661	-11.3#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	53.573	-7.1	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.967	-5.9	90	0.00
55	T	1,1,2-Trichloroethane	50.000	55.247	-10.5	93	0.00
56	T	Ethyl methacrylate	50.000	55.318	-10.6	86	0.00
57	T	1,3-Dichloropropane	50.000	54.690	-9.4	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.553	-16.6	87	0.00
59	T	2-Hexanone	250.000	282.992	-13.2	87	0.00
60	T	Dibromochloromethane	50.000	56.193	-12.4	95	0.00
61	T	1,2-Dibromoethane	50.000	55.927	-11.9	94	0.00
62	S	4-Bromofluorobenzene	50.000	53.268	-6.5	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	52.857	-5.7	95	0.00
65	PM	Chlorobenzene	50.000	52.461	-4.9	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.227	-6.5	94	0.00
67	C	Ethyl Benzene	50.000	53.889	-7.8#	93	0.00
68	T	m/p-Xylenes	100.000	109.058	-9.1	94	0.00
69	T	o-Xylene	50.000	55.305	-10.6	93	0.00
70	T	Styrene	50.000	56.544	-13.1	94	0.00
71	P	Bromoform	50.000	54.537	-9.1	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	52.147	-4.3	92	0.00
74	T	N-amyl acetate	50.000	49.573	0.9	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.669	-1.3	92	0.00
76	T	1,2,3-Trichloropropane	50.000	45.273	9.5	84	0.00
77	T	Bromobenzene	50.000	52.825	-5.7	95	0.00
78	T	n-propylbenzene	50.000	51.568	-3.1	91	0.00
79	T	2-Chlorotoluene	50.000	52.469	-4.9	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.985	-6.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.174	5.7	84	0.00
82	T	4-Chlorotoluene	50.000	51.763	-3.5	92	0.00
83	T	tert-Butylbenzene	50.000	53.448	-6.9	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.490	-7.0	93	0.00
85	T	sec-Butylbenzene	50.000	51.537	-3.1	91	0.00
86	T	p-Isopropyltoluene	50.000	52.415	-4.8	92	0.00
87	T	1,3-Dichlorobenzene	50.000	51.454	-2.9	94	0.00
88	T	1,4-Dichlorobenzene	50.000	51.205	-2.4	95	0.00
89	T	n-Butylbenzene	50.000	49.245	1.5	87	0.00
90	T	Hexachloroethane	50.000	50.959	-1.9	95	0.00
91	T	1,2-Dichlorobenzene	50.000	52.679	-5.4	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.577	-1.2	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.378	-4.8	95	0.00
94	T	Hexachlorobutadiene	50.000	51.008	-2.0	98	0.00
95	T	Naphthalene	50.000	56.524	-13.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.603	-11.2	101	0.00

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