Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021962.D
Acq On : 23 Apr 2025 09:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 03:44:22 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	44.894	10.2	92	0.00
3	P	Chloromethane	50.000	49.065	1.9	94	0.00
4	C	Vinyl Chloride	50.000	47.874	4.3#	93	0.00
5	T	Bromomethane	50.000	46.729	6.5	95	0.00
6	T	Chloroethane	50.000	49.267	1.5	96	0.00
7	T	Trichlorofluoromethane	50.000	47.989	4.0	93	0.00
8	T	Diethyl Ether	50.000	44.607	10.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.985	8.0	95	0.00
10	T	Methyl Iodide	50.000	48.844	2.3	91	0.00
11	T	Tert butyl alcohol	250.000	202.034	19.2	74	0.00
12	CM	1,1-Dichloroethene	50.000	47.476	5.0#	95	0.00
13	T	Acrolein	250.000	204.115	18.4	83	0.00
14	T	Allyl chloride	50.000	47.732	4.5	94	0.00
15	T	Acrylonitrile	250.000	221.107	11.6	84	0.00
16	T	Acetone	250.000	227.318	9.1	83	0.00
17	T	Carbon Disulfide	50.000	48.228	3.5	97	0.00
18	T	Methyl Acetate	50.000	46.052	7.9	84	0.00
19	T	Methyl tert-butyl Ether	50.000	46.844	6.3	87	0.00
20	T	Methylene Chloride	50.000	44.370	11.3	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.120	1.8	97	0.01
22	T	Diisopropyl ether	50.000	49.769	0.5	94	0.00
23	T	Vinyl Acetate	250.000	240.820	3.7	88	0.00
24	P	1,1-Dichloroethane	50.000	48.033	3.9	95	0.00
25	T	2-Butanone	250.000	217.710	12.9	82	0.00
26	T	2,2-Dichloropropane	50.000	48.489	3.0	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.597	2.8	94	0.00
28	T	Bromochloromethane	50.000	48.500	3.0	93	0.00
29	T	Tetrahydrofuran	250.000	224.622	10.2	80	0.00
30	C	Chloroform	50.000	48.745	2.5#	96	0.00
31	T	Cyclohexane	50.000	47.322	5.4	97	0.00
32	T	1,1,1-Trichloroethane	50.000	47.904	4.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.451	5.1	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	49.234	1.5	92	0.00
36	T	1,1-Dichloropropene	50.000	50.213	-0.4	98	0.00
37	T	Ethyl Acetate	50.000	44.392	11.2	82	0.00
38	T	Carbon Tetrachloride	50.000	49.588	0.8	97	0.00
39	T	Methylcyclohexane	50.000	49.568	0.9	94	0.00
40	TM	Benzene	50.000	49.779	0.4	96	0.00
41	T	Methacrylonitrile	50.000	44.935	10.1	79	0.00
42	TM	1,2-Dichloroethane	50.000	48.127	3.7	92	0.00
43	T	Isopropyl Acetate	50.000	46.184	7.6	84	0.00
44	TM	Trichloroethene	50.000	48.336	3.3	94	0.00
45	C	1,2-Dichloropropane	50.000	49.841	0.3#	95	0.00
46	T	Dibromomethane	50.000	48.165	3.7	92	0.00
47	T	Bromodichloromethane	50.000	49.884	0.2	95	0.00
48	T	Methyl methacrylate	50.000	48.301	3.4	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	910.985	8.9	85	0.00
50	S	Toluene-d8	50.000	50.847	-1.7	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	237.188	5.1	83	0.00
52	CM	Toluene	50.000	51.648	-3.3#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	48.779	2.4	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.753	0.5	94	0.00
55	T	1,1,2-Trichloroethane	50.000	48.315	3.4	90	0.00
56	T	Ethyl methacrylate	50.000	49.489	1.0	85	0.00
57	T	1,3-Dichloropropane	50.000	49.107	1.8	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.543	1.0	82	0.00
59	T	2-Hexanone	250.000	236.717	5.3	81	0.00
60	T	Dibromochloromethane	50.000	49.058	1.9	92	0.00
61	T	1,2-Dibromoethane	50.000	48.473	3.1	91	0.00
62	S	4-Bromofluorobenzene	50.000	50.357	-0.7	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	47.795	4.4	93	0.00
65	PM	Chlorobenzene	50.000	48.969	2.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.909	0.2	95	0.00
67	C	Ethyl Benzene	50.000	51.431	-2.9#	96	0.00
68	T	m/p-Xylenes	100.000	103.933	-3.9	97	0.00
69	T	o-Xylene	50.000	51.674	-3.3	94	0.00
70	T	Styrene	50.000	52.652	-5.3	95	0.00
71	P	Bromoform	50.000	47.750	4.5	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	51.691	-3.4	96	0.00
74	T	N-amyl acetate	50.000	47.028	5.9	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.731	6.5	89	0.00
76	T	1,2,3-Trichloropropane	50.000	47.570	4.9	93	0.00
77	T	Bromobenzene	50.000	49.881	0.2	94	0.00
78	T	n-propylbenzene	50.000	51.719	-3.4	96	0.00
79	T	2-Chlorotoluene	50.000	50.734	-1.5	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.396	-4.8	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.095	9.8	84	0.00
82	T	4-Chlorotoluene	50.000	51.601	-3.2	97	0.00
83	T	tert-Butylbenzene	50.000	50.900	-1.8	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.200	-4.4	96	0.00
85	T	sec-Butylbenzene	50.000	51.930	-3.9	96	0.00
86	T	p-Isopropyltoluene	50.000	51.747	-3.5	95	0.00
87	T	1,3-Dichlorobenzene	50.000	49.998	0.0	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.910	2.2	95	0.00
89	T	n-Butylbenzene	50.000	51.230	-2.5	95	0.00
90	T	Hexachloroethane	50.000	49.417	1.2	97	0.00
91	T	1,2-Dichlorobenzene	50.000	49.478	1.0	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.193	13.6	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.955	4.1	91	0.00
94	T	Hexachlorobutadiene	50.000	48.184	3.6	97	0.00
95	T	Naphthalene	50.000	46.487	7.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.564	4.9	91	0.00

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