Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022044.D
Acq On : 28 Apr 2025 20:09
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 29 03:56:47 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	44.865	10.3	88	0.00
3	P	Chloromethane	50.000	47.083	5.8	85	0.00
4	C	Vinyl Chloride	50.000	47.685	4.6#	88	0.00
5	T	Bromomethane	50.000	43.921	12.2	85	0.00
6	T	Chloroethane	50.000	48.618	2.8	90	0.00
7	T	Trichlorofluoromethane	50.000	47.567	4.9	88	0.00
8	T	Diethyl Ether	50.000	45.552	8.9	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.149	5.7	92	0.00
10	T	Methyl Iodide	50.000	50.973	-1.9	90	0.00
11	T	Tert butyl alcohol	250.000	206.540	17.4	72	0.00
12	CM	1,1-Dichloroethene	50.000	48.195	3.6#	91	0.00
13	T	Acrolein	250.000	125.250	49.9#	48	0.00
14	T	Allyl chloride	50.000	47.304	5.4	89	0.00
15	T	Acrylonitrile	250.000	226.290	9.5	82	0.00
16	T	Acetone	250.000	225.704	9.7	79	0.00
17	T	Carbon Disulfide	50.000	46.946	6.1	90	0.00
18	T	Methyl Acetate	50.000	60.667	-21.3	105	0.00
19	T	Methyl tert-butyl Ether	50.000	47.151	5.7	83	0.00
20	T	Methylene Chloride	50.000	46.562	6.9	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.049	1.9	92	0.01
22	T	Diisopropyl ether	50.000	49.499	1.0	89	0.00
23	T	Vinyl Acetate	250.000	220.901	11.6	77	0.00
24	P	1,1-Dichloroethane	50.000	48.354	3.3	91	0.00
25	T	2-Butanone	250.000	214.843	14.1	77	0.00
26	T	2,2-Dichloropropane	50.000	46.198	7.6	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.650	0.7	91	0.00
28	T	Bromochloromethane	50.000	48.028	3.9	87	0.00
29	T	Tetrahydrofuran	250.000	226.985	9.2	76	0.00
30	C	Chloroform	50.000	49.805	0.4#	93	0.00
31	T	Cyclohexane	50.000	46.854	6.3	91	0.00
32	T	1,1,1-Trichloroethane	50.000	48.956	2.1	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.665	4.7	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	49.757	0.5	89	0.00
36	T	1,1-Dichloropropene	50.000	49.733	0.5	93	0.00
37	T	Ethyl Acetate	50.000	42.499	15.0	75	0.00
38	T	Carbon Tetrachloride	50.000	49.909	0.2	93	0.00
39	T	Methylcyclohexane	50.000	49.883	0.2	90	0.00
40	TM	Benzene	50.000	50.261	-0.5	93	0.00
41	T	Methacrylonitrile	50.000	48.188	3.6	81	0.00
42	TM	1,2-Dichloroethane	50.000	47.687	4.6	87	0.00
43	T	Isopropyl Acetate	50.000	44.593	10.8	78	0.00
44	TM	Trichloroethene	50.000	49.308	1.4	92	0.00
45	C	1,2-Dichloropropane	50.000	48.825	2.3#	89	0.00
46	T	Dibromomethane	50.000	48.266	3.5	88	0.00
47	T	Bromodichloromethane	50.000	50.087	-0.2	91	0.00
48	T	Methyl methacrylate	50.000	46.579	6.8	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	950.114	5.0	85	0.00
50	S	Toluene-d8	50.000	51.149	-2.3	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.341	5.5	79	0.00
52	CM	Toluene	50.000	51.236	-2.5#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	48.294	3.4	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.301	1.4	89	0.00
55	T	1,1,2-Trichloroethane	50.000	48.980	2.0	87	0.00
56	T	Ethyl methacrylate	50.000	49.169	1.7	81	0.00
57	T	1,3-Dichloropropane	50.000	48.734	2.5	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.010	-1.2	81	0.00
59	T	2-Hexanone	250.000	234.839	6.1	77	0.00
60	T	Dibromochloromethane	50.000	49.500	1.0	89	0.00
61	T	1,2-Dibromoethane	50.000	48.630	2.7	87	0.00
62	S	4-Bromofluorobenzene	50.000	51.649	-3.3	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	49.658	0.7	93	0.00
65	PM	Chlorobenzene	50.000	48.610	2.8	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.809	0.4	92	0.00
67	C	Ethyl Benzene	50.000	50.637	-1.3#	91	0.00
68	T	m/p-Xylenes	100.000	102.316	-2.3	92	0.00
69	T	o-Xylene	50.000	51.160	-2.3	90	0.00
70	T	Styrene	50.000	52.522	-5.0	92	0.00
71	P	Bromoform	50.000	47.467	5.1	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	49.401	1.2	91	0.00
74	T	N-amyl acetate	50.000	43.140	13.7	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.792	10.4	84	0.00
76	T	1,2,3-Trichloropropane	50.000	43.798	12.4	85	0.00
77	T	Bromobenzene	50.000	48.425	3.2	90	0.00
78	T	n-propylbenzene	50.000	49.746	0.5	91	0.00
79	T	2-Chlorotoluene	50.000	48.849	2.3	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.540	-1.1	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.477	13.0	80	0.00
82	T	4-Chlorotoluene	50.000	48.866	2.3	90	0.00
83	T	tert-Butylbenzene	50.000	50.056	-0.1	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.118	-0.2	91	0.00
85	T	sec-Butylbenzene	50.000	49.815	0.4	91	0.00
86	T	p-Isopropyltoluene	50.000	50.348	-0.7	91	0.00
87	T	1,3-Dichlorobenzene	50.000	48.007	4.0	91	0.00
88	T	1,4-Dichlorobenzene	50.000	47.140	5.7	90	0.00
89	T	n-Butylbenzene	50.000	48.461	3.1	89	0.00
90	T	Hexachloroethane	50.000	47.639	4.7	92	0.00
91	T	1,2-Dichlorobenzene	50.000	47.784	4.4	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.507	17.0	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.427	7.1	87	0.00
94	T	Hexachlorobutadiene	50.000	45.436	9.1	90	0.00
95	T	Naphthalene	50.000	44.627	10.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.757	8.5	87	0.00

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