Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021346.D
Acq On : 27 Feb 2025 10:13
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: Feb 28 00:39:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 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	124	0.00
2	T	Dichlorodifluoromethane	50.000	43.510	13.0	104	0.00
3	P	Chloromethane	50.000	43.398	13.2	109	0.00
4	C	Vinyl Chloride	50.000	46.080	7.8#	109	0.00
5	T	Bromomethane	50.000	44.421	11.2	113	0.00
6	T	Chloroethane	50.000	47.433	5.1	112	0.00
7	T	Trichlorofluoromethane	50.000	47.198	5.6	113	0.00
8	T	Diethyl Ether	50.000	48.685	2.6	115	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.008	8.0	111	0.00
10	T	Methyl Iodide	50.000	51.435	-2.9	110	0.00
11	T	Tert butyl alcohol	250.000	202.609	19.0	109	0.00
12	CM	1,1-Dichloroethene	50.000	46.418	7.2#	112	0.00
13	T	Acrolein	250.000	61.335	75.5#	152	0.00
14	T	Allyl chloride	50.000	45.858	8.3	109	0.00
15	T	Acrylonitrile	250.000	234.709	6.1	110	0.00
16	T	Acetone	250.000	247.053	1.2	104	0.00
17	T	Carbon Disulfide	50.000	46.099	7.8	110	0.00
18	T	Methyl Acetate	50.000	47.708	4.6	114	0.00
19	T	Methyl tert-butyl Ether	50.000	49.066	1.9	114	0.00
20	T	Methylene Chloride	50.000	44.466	11.1	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.151	3.7	115	0.00
22	T	Diisopropyl ether	50.000	47.204	5.6	110	0.00
23	T	Vinyl Acetate	250.000	239.240	4.3	110	0.00
24	P	1,1-Dichloroethane	50.000	46.976	6.0	112	0.00
25	T	2-Butanone	250.000	237.086	5.2	105	0.00
26	T	2,2-Dichloropropane	50.000	46.413	7.2	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.604	2.8	114	0.00
28	T	Bromochloromethane	50.000	49.278	1.4	123	0.00
29	T	Tetrahydrofuran	250.000	235.247	5.9	109	0.00
30	C	Chloroform	50.000	47.377	5.2#	113	0.00
31	T	Cyclohexane	50.000	42.885	14.2	107	0.00
32	T	1,1,1-Trichloroethane	50.000	47.106	5.8	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.197	1.6	125	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35	S	Dibromofluoromethane	50.000	50.916	-1.8	127	0.00
36	T	1,1-Dichloropropene	50.000	46.810	6.4	110	0.00
37	T	Ethyl Acetate	50.000	46.614	6.8	110	0.00
38	T	Carbon Tetrachloride	50.000	47.372	5.3	112	0.00
39	T	Methylcyclohexane	50.000	45.621	8.8	106	0.00
40	TM	Benzene	50.000	47.451	5.1	111	0.00
41	T	Methacrylonitrile	50.000	44.764	10.5	103	0.00
42	TM	1,2-Dichloroethane	50.000	48.834	2.3	115	0.00
43	T	Isopropyl Acetate	50.000	47.110	5.8	108	0.00
44	TM	Trichloroethene	50.000	47.977	4.0	113	0.00
45	C	1,2-Dichloropropane	50.000	47.258	5.5#	110	0.00
46	T	Dibromomethane	50.000	48.866	2.3	114	0.00
47	T	Bromodichloromethane	50.000	49.049	1.9	114	0.00
48	T	Methyl methacrylate	50.000	47.548	4.9	105	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1034.825	-3.5	122	0.00
50	S	Toluene-d8	50.000	49.758	0.5	124	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.033	2.8	109	0.00
52	CM	Toluene	50.000	48.531	2.9#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	49.509	1.0	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.471	3.1	112	0.00
55	T	1,1,2-Trichloroethane	50.000	47.760	4.5	110	0.00
56	T	Ethyl methacrylate	50.000	51.042	-2.1	111	0.00
57	T	1,3-Dichloropropane	50.000	48.674	2.7	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.429	3.4	103	0.00
59	T	2-Hexanone	250.000	246.484	1.4	106	0.00
60	T	Dibromochloromethane	50.000	49.151	1.7	112	0.00
61	T	1,2-Dibromoethane	50.000	48.188	3.6	111	0.00
62	S	4-Bromofluorobenzene	50.000	49.803	0.4	124	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	124	0.00
64	T	Tetrachloroethene	50.000	45.972	8.1	111	0.00
65	PM	Chlorobenzene	50.000	47.611	4.8	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.843	4.3	113	0.00
67	C	Ethyl Benzene	50.000	47.994	4.0#	111	0.00
68	T	m/p-Xylenes	100.000	95.197	4.8	110	0.00
69	T	o-Xylene	50.000	48.118	3.8	111	0.00
70	T	Styrene	50.000	48.749	2.5	111	0.00
71	P	Bromoform	50.000	49.136	1.7	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	121	0.00
73	T	Isopropylbenzene	50.000	48.407	3.2	110	0.00
74	T	N-amyl acetate	50.000	49.139	1.7	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.104	3.8	110	0.00
76	T	1,2,3-Trichloropropane	50.000	48.501	3.0	112	0.00
77	T	Bromobenzene	50.000	48.465	3.1	113	0.00
78	T	n-propylbenzene	50.000	48.033	3.9	109	0.00
79	T	2-Chlorotoluene	50.000	47.609	4.8	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.538	2.9	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.545	2.9	108	0.00
82	T	4-Chlorotoluene	50.000	47.811	4.4	111	0.00
83	T	tert-Butylbenzene	50.000	47.569	4.9	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.670	2.7	111	0.00
85	T	sec-Butylbenzene	50.000	47.165	5.7	109	0.00
86	T	p-Isopropyltoluene	50.000	47.673	4.7	109	0.00
87	T	1,3-Dichlorobenzene	50.000	47.054	5.9	110	0.00
88	T	1,4-Dichlorobenzene	50.000	46.771	6.5	110	0.00
89	T	n-Butylbenzene	50.000	47.641	4.7	107	0.00
90	T	Hexachloroethane	50.000	45.677	8.6	108	0.00
91	T	1,2-Dichlorobenzene	50.000	47.806	4.4	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.180	5.6	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.123	5.8	109	0.00
94	T	Hexachlorobutadiene	50.000	44.693	10.6	106	0.00
95	T	Naphthalene	50.000	48.854	2.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.257	5.5	108	0.00

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