Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
Data File : VY022119.D
Acq On : 02 May 2025 10:56
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: May 03 02:48:52 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	112	0.00
2	T	Dichlorodifluoromethane	50.000	43.543	12.9	106	0.00
3	P	Chloromethane	50.000	43.037	13.9	97	0.00
4	C	Vinyl Chloride	50.000	44.017	12.0#	101	0.00
5	T	Bromomethane	50.000	43.343	13.3	105	0.00
6	T	Chloroethane	50.000	44.563	10.9	103	0.00
7	T	Trichlorofluoromethane	50.000	44.832	10.3	103	0.00
8	T	Diethyl Ether	50.000	49.912	0.2	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.653	6.7	114	0.00
10	T	Methyl Iodide	50.000	53.355	-6.7	117	0.00
11	T	Tert butyl alcohol	250.000	267.949	-7.2	117	0.00
12	CM	1,1-Dichloroethene	50.000	48.014	4.0#	114	0.00
13	T	Acrolein	250.000	136.224	45.5#	65	0.00
14	T	Allyl chloride	50.000	48.053	3.9	112	0.00
15	T	Acrylonitrile	250.000	243.100	2.8	109	0.00
16	T	Acetone	250.000	252.240	-0.9	108	0.00
17	T	Carbon Disulfide	50.000	44.144	11.7	105	0.00
18	T	Methyl Acetate	50.000	61.935	-23.9	134	0.00
19	T	Methyl tert-butyl Ether	50.000	54.461	-8.9	120	0.00
20	T	Methylene Chloride	50.000	47.679	4.6	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.532	2.9	114	0.01
22	T	Diisopropyl ether	50.000	50.334	-0.7	113	0.00
23	T	Vinyl Acetate	250.000	247.398	1.0	108	0.00
24	P	1,1-Dichloroethane	50.000	48.814	2.4	115	0.00
25	T	2-Butanone	250.000	247.497	1.0	111	0.00
26	T	2,2-Dichloropropane	50.000	50.800	-1.6	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.100	-2.2	117	0.00
28	T	Bromochloromethane	50.000	49.027	1.9	111	0.00
29	T	Tetrahydrofuran	250.000	256.996	-2.8	108	0.00
30	C	Chloroform	50.000	50.632	-1.3#	118	0.00
31	T	Cyclohexane	50.000	45.668	8.7	110	0.00
32	T	1,1,1-Trichloroethane	50.000	50.872	-1.7	120	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.660	2.7	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35	S	Dibromofluoromethane	50.000	47.381	5.2	108	0.00
36	T	1,1-Dichloropropene	50.000	47.580	4.8	113	0.00
37	T	Ethyl Acetate	50.000	47.298	5.4	107	0.00
38	T	Carbon Tetrachloride	50.000	49.273	1.5	118	0.00
39	T	Methylcyclohexane	50.000	48.375	3.3	112	0.00
40	TM	Benzene	50.000	48.347	3.3	115	0.00
41	T	Methacrylonitrile	50.000	52.911	-5.8	115	-0.01
42	TM	1,2-Dichloroethane	50.000	50.939	-1.9	119	0.00
43	T	Isopropyl Acetate	50.000	51.373	-2.7	115	0.00
44	TM	Trichloroethene	50.000	48.966	2.1	117	0.00
45	C	1,2-Dichloropropane	50.000	48.833	2.3#	114	0.00
46	T	Dibromomethane	50.000	50.074	-0.1	117	0.00
47	T	Bromodichloromethane	50.000	50.632	-1.3	118	0.00
48	T	Methyl methacrylate	50.000	50.793	-1.6	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1034.081	-3.4	119	0.00
50	S	Toluene-d8	50.000	47.155	5.7	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.438	-5.0	112	0.00
52	CM	Toluene	50.000	50.065	-0.1#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.489	-3.0	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.397	-0.8	116	0.00
55	T	1,1,2-Trichloroethane	50.000	49.851	0.3	114	0.00
56	T	Ethyl methacrylate	50.000	53.894	-7.8	114	0.00
57	T	1,3-Dichloropropane	50.000	50.040	-0.1	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.142	-6.9	109	0.00
59	T	2-Hexanone	250.000	264.152	-5.7	111	0.00
60	T	Dibromochloromethane	50.000	50.617	-1.2	117	0.00
61	T	1,2-Dibromoethane	50.000	50.813	-1.6	116	0.00
62	S	4-Bromofluorobenzene	50.000	49.184	1.6	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	49.368	1.3	116	0.00
65	PM	Chlorobenzene	50.000	49.576	0.8	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.661	-1.3	117	0.00
67	C	Ethyl Benzene	50.000	50.995	-2.0#	115	0.00
68	T	m/p-Xylenes	100.000	101.858	-1.9	114	0.00
69	T	o-Xylene	50.000	52.207	-4.4	115	0.00
70	T	Styrene	50.000	52.552	-5.1	115	0.00
71	P	Bromoform	50.000	51.392	-2.8	116	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	54.177	-8.4	117	0.00
74	T	N-amyl acetate	50.000	54.552	-9.1	113	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.404	-2.8	113	0.00
76	T	1,2,3-Trichloropropane	50.000	50.681	-1.4	115	0.00
77	T	Bromobenzene	50.000	52.552	-5.1	115	0.00
78	T	n-propylbenzene	50.000	53.284	-6.6	114	0.00
79	T	2-Chlorotoluene	50.000	52.862	-5.7	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.102	-8.2	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.413	-4.8	113	0.00
82	T	4-Chlorotoluene	50.000	53.049	-6.1	115	0.00
83	T	tert-Butylbenzene	50.000	54.571	-9.1	116	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.388	-8.8	115	0.00
85	T	sec-Butylbenzene	50.000	53.988	-8.0	116	0.00
86	T	p-Isopropyltoluene	50.000	53.440	-6.9	113	0.00
87	T	1,3-Dichlorobenzene	50.000	50.107	-0.2	112	0.00
88	T	1,4-Dichlorobenzene	50.000	50.034	-0.1	112	0.00
89	T	n-Butylbenzene	50.000	52.717	-5.4	113	0.00
90	T	Hexachloroethane	50.000	51.142	-2.3	116	0.00
91	T	1,2-Dichlorobenzene	50.000	51.260	-2.5	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.143	-6.3	121	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.330	-6.7	118	0.00
94	T	Hexachlorobutadiene	50.000	51.171	-2.3	119	0.00
95	T	Naphthalene	50.000	57.585	-15.2	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.065	-8.1	120	0.00

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