Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020842.D
Acq On : 17 Jan 2025 09:17
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: Jan 17 23:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 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	142	0.01
2	T	Dichlorodifluoromethane	50.000	42.549	14.9	123	0.00
3	P	Chloromethane	50.000	50.415	-0.8	146	0.00
4	C	Vinyl Chloride	50.000	55.171	-10.3#	154	0.01
5	T	Bromomethane	50.000	48.297	3.4	143	0.01
6	T	Chloroethane	50.000	56.303	-12.6	158	0.01
7	T	Trichlorofluoromethane	50.000	47.494	5.0	135	0.01
8	T	Diethyl Ether	50.000	46.895	6.2	129	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.906	2.2	139	0.00
10	T	Methyl Iodide	50.000	48.788	2.4	130	0.01
11	T	Tert butyl alcohol	250.000	203.224	18.7	116	0.02
12	CM	1,1-Dichloroethene	50.000	49.275	1.5#	136	0.01
13	T	Acrolein	250.000	137.477	45.0#	135	0.00
14	T	Allyl chloride	50.000	49.867	0.3	140	0.02
15	T	Acrylonitrile	250.000	227.271	9.1	120	0.02
16	T	Acetone	250.000	218.701	12.5	116	0.00
17	T	Carbon Disulfide	50.000	49.011	2.0	129	0.00
18	T	Methyl Acetate	50.000	49.281	1.4	127	0.00
19	T	Methyl tert-butyl Ether	50.000	45.167	9.7	124	0.00
20	T	Methylene Chloride	50.000	47.571	4.9	135	0.01
21	T	trans-1,2-Dichloroethene	50.000	47.237	5.5	132	0.01
22	T	Diisopropyl ether	50.000	50.735	-1.5	143	0.00
23	T	Vinyl Acetate	250.000	239.210	4.3	128	0.01
24	P	1,1-Dichloroethane	50.000	47.340	5.3	135	0.01
25	T	2-Butanone	250.000	226.112	9.6	118	0.01
26	T	2,2-Dichloropropane	50.000	45.911	8.2	132	0.02
27	T	cis-1,2-Dichloroethene	50.000	46.875	6.3	132	0.01
28	T	Bromochloromethane	50.000	53.134	-6.3	127	0.01
29	T	Tetrahydrofuran	250.000	233.967	6.4	122	0.01
30	C	Chloroform	50.000	45.355	9.3#	130	0.01
31	T	Cyclohexane	50.000	47.648	4.7	139	0.01
32	T	1,1,1-Trichloroethane	50.000	44.554	10.9	128	0.01
33	S	1,2-Dichloroethane-d4	50.000	46.046	7.9	115	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	143	0.00
35	S	Dibromofluoromethane	50.000	47.434	5.1	125	0.01
36	T	1,1-Dichloropropene	50.000	48.028	3.9	132	0.01
37	T	Ethyl Acetate	50.000	45.172	9.7	120	0.02
38	T	Carbon Tetrachloride	50.000	45.392	9.2	128	0.01
39	T	Methylcyclohexane	50.000	49.358	1.3	135	0.00
40	TM	Benzene	50.000	48.041	3.9	134	0.01
41	T	Methacrylonitrile	50.000	48.490	3.0	122	0.01
42	TM	1,2-Dichloroethane	50.000	44.192	11.6	120	0.01
43	T	Isopropyl Acetate	50.000	46.055	7.9	122	0.01
44	TM	Trichloroethene	50.000	46.993	6.0	133	0.00
45	C	1,2-Dichloropropane	50.000	49.022	2.0#	137	0.00
46	T	Dibromomethane	50.000	46.570	6.9	127	0.00
47	T	Bromodichloromethane	50.000	46.182	7.6	128	0.01
48	T	Methyl methacrylate	50.000	48.089	3.8	122	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	867.825	13.2	108	0.01
50	S	Toluene-d8	50.000	51.926	-3.9	126	0.01
51	T	4-Methyl-2-Pentanone	250.000	234.430	6.2	120	0.01
52	CM	Toluene	50.000	47.306	5.4#	131	0.00
53	T	t-1,3-Dichloropropene	50.000	46.343	7.3	123	0.01
54	T	cis-1,3-Dichloropropene	50.000	47.554	4.9	131	0.00
55	T	1,1,2-Trichloroethane	50.000	46.176	7.6	130	0.00
56	T	Ethyl methacrylate	50.000	47.661	4.7	125	0.00
57	T	1,3-Dichloropropane	50.000	46.980	6.0	128	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	219.736	12.1	110	0.01
59	T	2-Hexanone	250.000	237.456	5.0	119	0.01
60	T	Dibromochloromethane	50.000	45.386	9.2	125	0.01
61	T	1,2-Dibromoethane	50.000	45.650	8.7	125	0.01
62	S	4-Bromofluorobenzene	50.000	47.341	5.3	125	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	140	0.00
64	T	Tetrachloroethene	50.000	47.522	5.0	131	0.00
65	PM	Chlorobenzene	50.000	47.163	5.7	131	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	45.668	8.7	127	0.01
67	C	Ethyl Benzene	50.000	47.875	4.3#	131	0.00
68	T	m/p-Xylenes	100.000	94.744	5.3	130	0.00
69	T	o-Xylene	50.000	47.543	4.9	132	0.01
70	T	Styrene	50.000	47.416	5.2	129	0.00
71	P	Bromoform	50.000	45.138	9.7	120	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	140	0.00
73	T	Isopropylbenzene	50.000	46.853	6.3	130	0.01
74	T	N-amyl acetate	50.000	49.124	1.8	125	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.249	7.5	122	0.00
76	T	1,2,3-Trichloropropane	50.000	46.073	7.9	132	0.00
77	T	Bromobenzene	50.000	46.383	7.2	129	0.00
78	T	n-propylbenzene	50.000	47.676	4.6	132	0.01
79	T	2-Chlorotoluene	50.000	46.898	6.2	131	0.01
80	T	1,3,5-Trimethylbenzene	50.000	46.949	6.1	130	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	45.451	9.1	115	0.00
82	T	4-Chlorotoluene	50.000	46.541	6.9	130	0.01
83	T	tert-Butylbenzene	50.000	47.290	5.4	133	0.01
84	T	1,2,4-Trimethylbenzene	50.000	47.045	5.9	129	0.00
85	T	sec-Butylbenzene	50.000	47.668	4.7	131	0.00
86	T	p-Isopropyltoluene	50.000	47.257	5.5	131	0.00
87	T	1,3-Dichlorobenzene	50.000	46.499	7.0	130	0.00
88	T	1,4-Dichlorobenzene	50.000	46.504	7.0	131	0.00
89	T	n-Butylbenzene	50.000	47.912	4.2	131	0.00
90	T	Hexachloroethane	50.000	46.411	7.2	132	0.00
91	T	1,2-Dichlorobenzene	50.000	46.806	6.4	131	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.515	17.0	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.764	0.5	134	0.00
94	T	Hexachlorobutadiene	50.000	47.497	5.0	135	0.00
95	T	Naphthalene	50.000	48.044	3.9	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.479	1.0	137	0.00

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