Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020840.D
Acq On : 15 Jan 2025 18:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 16 01:02:00 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	117	0.00
2	T	Dichlorodifluoromethane	50.000	38.887	22.2	92	0.00
3	P	Chloromethane	50.000	50.895	-1.8	121	0.00
4	C	Vinyl Chloride	50.000	49.851	0.3#	114	0.00
5	T	Bromomethane	50.000	48.988	2.0	119	0.00
6	T	Chloroethane	50.000	51.951	-3.9	120	0.00
7	T	Trichlorofluoromethane	50.000	42.671	14.7	99	0.00
8	T	Diethyl Ether	50.000	54.552	-9.1	123	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.642	8.7	106	0.00
10	T	Methyl Iodide	50.000	48.335	3.3	106	0.00
11	T	Tert butyl alcohol	250.000	267.400	-7.0	126	0.00
12	CM	1,1-Dichloroethene	50.000	47.114	5.8#	106	0.00
13	T	Acrolein	250.000	196.864	21.3	159	0.00
14	T	Allyl chloride	50.000	51.319	-2.6	118	0.00
15	T	Acrylonitrile	250.000	301.031	-20.4	130	0.00
16	T	Acetone	250.000	284.986	-14.0	124	0.00
17	T	Carbon Disulfide	50.000	48.553	2.9	105	0.00
18	T	Methyl Acetate	50.000	64.702	-29.4#	136	0.00
19	T	Methyl tert-butyl Ether	50.000	53.608	-7.2	121	0.00
20	T	Methylene Chloride	50.000	51.848	-3.7	121	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.040	3.9	110	0.00
22	T	Diisopropyl ether	50.000	55.842	-11.7	129	0.00
23	T	Vinyl Acetate	250.000	289.204	-15.7	127	0.00
24	P	1,1-Dichloroethane	50.000	50.069	-0.1	117	0.00
25	T	2-Butanone	250.000	307.998	-23.2	131	0.00
26	T	2,2-Dichloropropane	50.000	41.823	16.4	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.764	0.5	115	0.00
28	T	Bromochloromethane	50.000	63.603	-27.2#	125	0.00
29	T	Tetrahydrofuran	250.000	320.657	-28.3#	137	0.00
30	C	Chloroform	50.000	48.257	3.5#	114	0.00
31	T	Cyclohexane	50.000	45.125	9.8	108	0.00
32	T	1,1,1-Trichloroethane	50.000	44.545	10.9	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.211	-10.4	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35	S	Dibromofluoromethane	50.000	50.526	-1.1	116	0.00
36	T	1,1-Dichloropropene	50.000	44.459	11.1	107	0.00
37	T	Ethyl Acetate	50.000	57.678	-15.4	133	0.00
38	T	Carbon Tetrachloride	50.000	41.279	17.4	101	0.00
39	T	Methylcyclohexane	50.000	44.308	11.4	105	0.00
40	TM	Benzene	50.000	47.462	5.1	115	0.00
41	T	Methacrylonitrile	50.000	61.114	-22.2	133	0.00
42	TM	1,2-Dichloroethane	50.000	48.679	2.6	115	0.00
43	T	Isopropyl Acetate	50.000	57.008	-14.0	131	0.00
44	TM	Trichloroethene	50.000	45.761	8.5	112	0.00
45	C	1,2-Dichloropropane	50.000	50.747	-1.5#	124	0.00
46	T	Dibromomethane	50.000	52.051	-4.1	124	0.00
47	T	Bromodichloromethane	50.000	48.361	3.3	117	0.00
48	T	Methyl methacrylate	50.000	57.344	-14.7	127	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1183.124	-18.3	128	0.00
50	S	Toluene-d8	50.000	53.320	-6.6	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.877	-19.6	133	0.00
52	CM	Toluene	50.000	46.880	6.2#	113	0.00
53	T	t-1,3-Dichloropropene	50.000	50.060	-0.1	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.592	0.8	119	0.00
55	T	1,1,2-Trichloroethane	50.000	51.769	-3.5	127	0.00
56	T	Ethyl methacrylate	50.000	58.059	-16.1	132	0.00
57	T	1,3-Dichloropropane	50.000	51.754	-3.5	122	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.598	-18.2	129	0.00
59	T	2-Hexanone	250.000	309.365	-23.7	134	0.00
60	T	Dibromochloromethane	50.000	49.937	0.1	119	0.00
61	T	1,2-Dibromoethane	50.000	52.624	-5.2	125	0.00
62	S	4-Bromofluorobenzene	50.000	51.662	-3.3	119	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	129	0.00
64	T	Tetrachloroethene	50.000	42.129	15.7	107	0.00
65	PM	Chlorobenzene	50.000	45.214	9.6	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.712	10.6	115	0.00
67	C	Ethyl Benzene	50.000	44.374	11.3#	112	0.00
68	T	m/p-Xylenes	100.000	88.963	11.0	113	0.00
69	T	o-Xylene	50.000	45.618	8.8	116	0.00
70	T	Styrene	50.000	46.280	7.4	116	0.00
71	P	Bromoform	50.000	49.055	1.9	121	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	135	0.00
73	T	Isopropylbenzene	50.000	41.160	17.7	110	0.00
74	T	N-amyl acetate	50.000	55.410	-10.8	136	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.993	0.0	128	0.00
76	T	1,2,3-Trichloropropane	50.000	44.793	10.4	124	0.00
77	T	Bromobenzene	50.000	44.266	11.5	119	0.00
78	T	n-propylbenzene	50.000	42.253	15.5	113	0.00
79	T	2-Chlorotoluene	50.000	43.162	13.7	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	41.812	16.4	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.124	3.8	117	0.00
82	T	4-Chlorotoluene	50.000	42.323	15.4	114	0.00
83	T	tert-Butylbenzene	50.000	40.941	18.1	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.256	13.5	114	0.00
85	T	sec-Butylbenzene	50.000	41.727	16.5	111	0.00
86	T	p-Isopropyltoluene	50.000	42.004	16.0	112	0.00
87	T	1,3-Dichlorobenzene	50.000	43.420	13.2	117	0.00
88	T	1,4-Dichlorobenzene	50.000	43.680	12.6	118	0.00
89	T	n-Butylbenzene	50.000	42.478	15.0	112	0.00
90	T	Hexachloroethane	50.000	42.185	15.6	116	0.00
91	T	1,2-Dichlorobenzene	50.000	44.868	10.3	121	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.643	0.7	132	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.465	3.1	126	0.00
94	T	Hexachlorobutadiene	50.000	42.635	14.7	117	0.00
95	T	Naphthalene	50.000	53.481	-7.0	136	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.298	-0.6	135	0.00

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