Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020867.D
Acq On : 17 Jan 2025 19:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 17 23:31:17 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	38.795	22.4	78	0.00
3	P	Chloromethane	50.000	50.997	-2.0	103	0.00
4	C	Vinyl Chloride	50.000	49.750	0.5#	97	0.00
5	T	Bromomethane	50.000	50.388	-0.8	104	0.00
6	T	Chloroethane	50.000	54.559	-9.1	107	0.00
7	T	Trichlorofluoromethane	50.000	43.621	12.8	86	0.00
8	T	Diethyl Ether	50.000	51.367	-2.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.052	7.9	91	-0.01
10	T	Methyl Iodide	50.000	50.223	-0.4	93	0.00
11	T	Tert butyl alcohol	250.000	233.449	6.6	93	0.00
12	CM	1,1-Dichloroethene	50.000	47.327	5.3#	91	0.00
13	T	Acrolein	250.000	161.050	35.6#	110	0.00
14	T	Allyl chloride	50.000	51.251	-2.5	100	0.00
15	T	Acrylonitrile	250.000	258.133	-3.3	95	0.00
16	T	Acetone	250.000	253.676	-1.5	94	0.00
17	T	Carbon Disulfide	50.000	48.415	3.2	89	-0.01
18	T	Methyl Acetate	50.000	57.384	-14.8	103	0.00
19	T	Methyl tert-butyl Ether	50.000	50.173	-0.3	96	0.00
20	T	Methylene Chloride	50.000	52.880	-5.8	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.173	1.7	96	0.00
22	T	Diisopropyl ether	50.000	57.622	-15.2	113	-0.01
23	T	Vinyl Acetate	250.000	267.503	-7.0	100	0.00
24	P	1,1-Dichloroethane	50.000	51.861	-3.7	103	0.00
25	T	2-Butanone	250.000	267.191	-6.9	97	0.00
26	T	2,2-Dichloropropane	50.000	41.907	16.2	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.587	-3.2	101	0.00
28	T	Bromochloromethane	50.000	60.772	-21.5	101	0.00
29	T	Tetrahydrofuran	250.000	272.732	-9.1	99	0.00
30	C	Chloroform	50.000	50.802	-1.6#	102	0.00
31	T	Cyclohexane	50.000	45.175	9.7	91	0.00
32	T	1,1,1-Trichloroethane	50.000	46.259	7.5	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.400	-10.8	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	51.410	-2.8	102	0.00
36	T	1,1-Dichloropropene	50.000	44.534	10.9	93	0.00
37	T	Ethyl Acetate	50.000	48.659	2.7	97	0.00
38	T	Carbon Tetrachloride	50.000	41.604	16.8	88	0.00
39	T	Methylcyclohexane	50.000	43.516	13.0	90	0.00
40	TM	Benzene	50.000	48.365	3.3	102	0.00
41	T	Methacrylonitrile	50.000	48.343	3.3	91	0.00
42	TM	1,2-Dichloroethane	50.000	46.801	6.4	96	0.00
43	T	Isopropyl Acetate	50.000	49.576	0.8	99	0.00
44	TM	Trichloroethene	50.000	45.991	8.0	98	0.00
45	C	1,2-Dichloropropane	50.000	51.393	-2.8#	109	0.00
46	T	Dibromomethane	50.000	50.027	-0.1	103	0.00
47	T	Bromodichloromethane	50.000	49.350	1.3	104	0.00
48	T	Methyl methacrylate	50.000	48.584	2.8	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	977.083	2.3	92	0.00
50	S	Toluene-d8	50.000	54.921	-9.8	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.008	-2.8	99	0.00
52	CM	Toluene	50.000	47.934	4.1#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	47.574	4.9	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.919	4.2	100	0.00
55	T	1,1,2-Trichloroethane	50.000	48.869	2.3	104	0.00
56	T	Ethyl methacrylate	50.000	50.393	-0.8	100	0.00
57	T	1,3-Dichloropropane	50.000	50.373	-0.7	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.999	-1.6	96	0.00
59	T	2-Hexanone	250.000	259.430	-3.8	98	0.00
60	T	Dibromochloromethane	50.000	49.269	1.5	102	0.00
61	T	1,2-Dibromoethane	50.000	49.962	0.1	103	0.00
62	S	4-Bromofluorobenzene	50.000	52.344	-4.7	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	42.572	14.9	95	0.00
65	PM	Chlorobenzene	50.000	45.945	8.1	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.758	8.5	103	0.00
67	C	Ethyl Benzene	50.000	45.463	9.1#	100	0.00
68	T	m/p-Xylenes	100.000	90.198	9.8	100	0.00
69	T	o-Xylene	50.000	46.061	7.9	103	0.00
70	T	Styrene	50.000	47.045	5.9	103	0.00
71	P	Bromoform	50.000	46.345	7.3	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73	T	Isopropylbenzene	50.000	42.248	15.5	99	0.00
74	T	N-amyl acetate	50.000	47.806	4.4	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.889	8.2	103	0.00
76	T	1,2,3-Trichloropropane	50.000	38.784	22.4	94	0.00
77	T	Bromobenzene	50.000	44.651	10.7	105	0.00
78	T	n-propylbenzene	50.000	42.845	14.3	100	0.00
79	T	2-Chlorotoluene	50.000	43.734	12.5	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.740	14.5	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.632	14.7	91	0.00
82	T	4-Chlorotoluene	50.000	43.338	13.3	103	0.00
83	T	tert-Butylbenzene	50.000	42.520	15.0	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.925	12.2	102	0.00
85	T	sec-Butylbenzene	50.000	43.013	14.0	100	0.00
86	T	p-Isopropyltoluene	50.000	42.989	14.0	101	0.00
87	T	1,3-Dichlorobenzene	50.000	44.682	10.6	106	0.00
88	T	1,4-Dichlorobenzene	50.000	44.778	10.4	107	0.00
89	T	n-Butylbenzene	50.000	42.923	14.2	99	0.00
90	T	Hexachloroethane	50.000	43.567	12.9	105	0.00
91	T	1,2-Dichlorobenzene	50.000	45.147	9.7	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.250	13.5	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.023	6.0	107	0.00
94	T	Hexachlorobutadiene	50.000	44.172	11.7	106	0.00
95	T	Naphthalene	50.000	46.468	7.1	104	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	48.061	3.9	113	0.00

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