Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
Data File : VY021273.D
Acq On : 21 Feb 2025 00:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 02:51:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	68	0.00
2	T	Dichlorodifluoromethane	50.000	45.422	9.2	62	0.00
3	P	Chloromethane	50.000	57.801	-15.6	82	0.00
4	C	Vinyl Chloride	50.000	56.893	-13.8#	81	0.00
5	T	Bromomethane	50.000	57.616	-15.2	83	0.00
6	T	Chloroethane	50.000	62.577	-25.2#	88	0.00
7	T	Trichlorofluoromethane	50.000	51.403	-2.8	71	0.00
8	T	Diethyl Ether	50.000	60.395	-20.8	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.880	0.2	69	0.00
10	T	Methyl Iodide	50.000	54.860	-9.7	72	0.00
11	T	Tert butyl alcohol	250.000	331.769	-32.7#	98	0.03
12	CM	1,1-Dichloroethene	50.000	50.691	-1.4#	70	0.00
13	T	Acrolein	250.000	208.415	16.6	58	0.00
14	T	Allyl chloride	50.000	58.135	-16.3	79	0.00
15	T	Acrylonitrile	250.000	363.797	-45.5#	98	0.01
16	T	Acetone	250.000	364.539	-45.8#	102	0.01
17	T	Carbon Disulfide	50.000	46.064	7.9	64	0.00
18	T	Methyl Acetate	50.000	87.525	-75.1#	116	0.00
19	T	Methyl tert-butyl Ether	50.000	66.036	-32.1#	89	0.01
20	T	Methylene Chloride	50.000	62.807	-25.6#	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.890	-5.8	72	0.00
22	T	Diisopropyl ether	50.000	65.124	-30.2#	88	0.01
23	T	Vinyl Acetate	250.000	339.241	-35.7#	90	0.00
24	P	1,1-Dichloroethane	50.000	59.002	-18.0	82	0.00
25	T	2-Butanone	250.000	384.609	-53.8#	102	0.00
26	T	2,2-Dichloropropane	50.000	49.675	0.7	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.824	-13.6	78	0.01
28	T	Bromochloromethane	50.000	70.759	-41.5#	89	0.00
29	T	Tetrahydrofuran	250.000	389.988	-56.0#	103	0.01
30	C	Chloroform	50.000	59.629	-19.3#	82	0.00
31	T	Cyclohexane	50.000	48.048	3.9	69	0.00
32	T	1,1,1-Trichloroethane	50.000	54.785	-9.6	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	64.362	-28.7#	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35	S	Dibromofluoromethane	50.000	57.831	-15.7	84	0.00
36	T	1,1-Dichloropropene	50.000	50.596	-1.2	74	0.00
37	T	Ethyl Acetate	50.000	72.676	-45.4#	102	0.00
38	T	Carbon Tetrachloride	50.000	50.233	-0.5	73	0.00
39	T	Methylcyclohexane	50.000	47.784	4.4	67	0.00
40	TM	Benzene	50.000	55.135	-10.3	79	0.00
41	T	Methacrylonitrile	50.000	71.216	-42.4#	110	0.00
42	TM	1,2-Dichloroethane	50.000	59.599	-19.2	87	0.00
43	T	Isopropyl Acetate	50.000	70.168	-40.3#	98	0.00
44	TM	Trichloroethene	50.000	51.383	-2.8	76	0.00
45	C	1,2-Dichloropropane	50.000	58.734	-17.5#	85	0.00
46	T	Dibromomethane	50.000	60.061	-20.1	87	0.00
47	T	Bromodichloromethane	50.000	58.688	-17.4	85	0.00
48	T	Methyl methacrylate	50.000	72.625	-45.3#	102	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	1281.634	-28.2#	89	0.01
50	S	Toluene-d8	50.000	55.509	-11.0	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	383.229	-53.3#	105	0.00
52	CM	Toluene	50.000	54.856	-9.7#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	59.991	-20.0	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.266	-14.5	81	0.00
55	T	1,1,2-Trichloroethane	50.000	60.852	-21.7	87	0.00
56	T	Ethyl methacrylate	50.000	68.432	-36.9#	92	0.00
57	T	1,3-Dichloropropane	50.000	62.536	-25.1#	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	314.767	-25.9#	86	0.00
59	T	2-Hexanone	250.000	401.753	-60.7#	107	0.00
60	T	Dibromochloromethane	50.000	60.437	-20.9	87	0.00
61	T	1,2-Dibromoethane	50.000	61.324	-22.6	86	0.00
62	S	4-Bromofluorobenzene	50.000	59.620	-19.2	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	50.964	-1.9	77	0.00
65	PM	Chlorobenzene	50.000	53.347	-6.7	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.260	-10.5	84	0.00
67	C	Ethyl Benzene	50.000	53.328	-6.7#	79	0.00
68	T	m/p-Xylenes	100.000	105.809	-5.8	78	0.00
69	T	o-Xylene	50.000	53.895	-7.8	80	0.00
70	T	Styrene	50.000	56.045	-12.1	81	0.00
71	P	Bromoform	50.000	61.409	-22.8	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	50.674	-1.3	79	0.00
74	T	N-amyl acetate	50.000	65.643	-31.3#	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	61.605	-23.2	96	0.00
76	T	1,2,3-Trichloropropane	50.000	54.827	-9.7	82	0.00
77	T	Bromobenzene	50.000	51.863	-3.7	82	0.00
78	T	n-propylbenzene	50.000	50.926	-1.9	78	0.00
79	T	2-Chlorotoluene	50.000	51.476	-3.0	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.474	-2.9	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.149	-16.3	88	0.00
82	T	4-Chlorotoluene	50.000	51.735	-3.5	81	0.00
83	T	tert-Butylbenzene	50.000	50.303	-0.6	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.948	-3.9	80	0.00
85	T	sec-Butylbenzene	50.000	50.418	-0.8	78	0.00
86	T	p-Isopropyltoluene	50.000	50.820	-1.6	77	0.00
87	T	1,3-Dichlorobenzene	50.000	51.907	-3.8	81	0.00
88	T	1,4-Dichlorobenzene	50.000	51.572	-3.1	80	0.00
89	T	n-Butylbenzene	50.000	50.892	-1.8	77	0.00
90	T	Hexachloroethane	50.000	51.441	-2.9	80	0.00
91	T	1,2-Dichlorobenzene	50.000	53.810	-7.6	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	65.020	-30.0#	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.434	-8.9	79	0.00
94	T	Hexachlorobutadiene	50.000	48.541	2.9	74	0.00
95	T	Naphthalene	50.000	66.475	-32.9#	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.889	-15.8	84	0.00

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