Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080338.D
Acq On : 15 May 2025 10:21
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 16 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	70.793	-41.6#	154	0.00
3	P	Chloromethane	50.000	52.932	-5.9	113	0.00
4	C	Vinyl Chloride	50.000	42.390	15.2#	103	0.00
5	T	Bromomethane	50.000	40.426	19.1	103	0.00
6	T	Chloroethane	50.000	40.066	19.9	95	0.00
7	T	Trichlorofluoromethane	50.000	53.239	-6.5	125	0.01
8	T	Diethyl Ether	50.000	49.636	0.7	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.084	-4.2	122	0.00
10	T	Methyl Iodide	50.000	59.905	-19.8	127	0.00
11	T	Tert butyl alcohol	250.000	213.494	14.6	97	-0.01
12	CM	1,1-Dichloroethene	50.000	52.564	-5.1#	124	0.00
13	T	Acrolein	250.000	83.471	66.6#	37	0.00
14	T	Allyl chloride	50.000	50.393	-0.8	113	0.00
15	T	Acrylonitrile	250.000	232.670	6.9	106	0.00
16	T	Acetone	250.000	363.471	-45.4#	147	0.00
17	T	Carbon Disulfide	50.000	52.737	-5.5	127	0.00
18	T	Methyl Acetate	50.000	41.261	17.5	99	0.00
19	T	Methyl tert-butyl Ether	50.000	52.313	-4.6	111	0.00
20	T	Methylene Chloride	50.000	55.289	-10.6	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.425	-8.8	122	0.00
22	T	Diisopropyl ether	50.000	52.195	-4.4	109	0.00
23	T	Vinyl Acetate	250.000	260.031	-4.0	107	0.00
24	P	1,1-Dichloroethane	50.000	51.479	-3.0	115	0.00
25	T	2-Butanone	250.000	253.635	-1.5	108	0.00
26	T	2,2-Dichloropropane	50.000	54.791	-9.6	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.150	-8.3	119	0.00
28	T	Bromochloromethane	50.000	42.423	15.2	91	0.00
29	T	Tetrahydrofuran	250.000	238.020	4.8	100	0.00
30	C	Chloroform	50.000	50.582	-1.2#	112	0.00
31	T	Cyclohexane	50.000	51.490	-3.0	118	0.00
32	T	1,1,1-Trichloroethane	50.000	55.056	-10.1	123	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.954	12.1	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	52.107	-4.2	101	0.00
36	T	1,1-Dichloropropene	50.000	58.536	-17.1	119	0.00
37	T	Ethyl Acetate	50.000	48.343	3.3	101	0.00
38	T	Carbon Tetrachloride	50.000	57.739	-15.5	118	0.00
39	T	Methylcyclohexane	50.000	61.095	-22.2	126	0.00
40	TM	Benzene	50.000	56.433	-12.9	117	0.00
41	T	Methacrylonitrile	50.000	49.624	0.8	108	0.00
42	TM	1,2-Dichloroethane	50.000	52.487	-5.0	109	0.00
43	T	Isopropyl Acetate	50.000	50.692	-1.4	101	0.00
44	TM	Trichloroethene	50.000	57.931	-15.9	122	0.00
45	C	1,2-Dichloropropane	50.000	54.382	-8.8#	110	0.00
46	T	Dibromomethane	50.000	54.886	-9.8	111	0.00
47	T	Bromodichloromethane	50.000	55.451	-10.9	113	0.00
48	T	Methyl methacrylate	50.000	53.123	-6.2	105	0.00

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Quant Title : SW846 8260
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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)
49	T	1,4-Dioxane	1000.000	907.773	9.2	90	0.00
50	S	Toluene-d8	50.000	52.006	-4.0	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.882	-4.4	99	0.00
52	CM	Toluene	50.000	57.844	-15.7#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	55.498	-11.0	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.996	-14.0	113	0.00
55	T	1,1,2-Trichloroethane	50.000	53.455	-6.9	105	0.00
56	T	Ethyl methacrylate	50.000	56.465	-12.9	105	0.00
57	T	1,3-Dichloropropane	50.000	54.774	-9.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.522	-6.6	95	0.00
59	T	2-Hexanone	250.000	266.994	-6.8	102	0.00
60	T	Dibromochloromethane	50.000	54.618	-9.2	108	0.00
61	T	1,2-Dibromoethane	50.000	54.619	-9.2	113	0.00
62	S	4-Bromofluorobenzene	50.000	50.439	-0.9	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	58.506	-17.0	121	0.00
65	PM	Chlorobenzene	50.000	54.909	-9.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.732	-11.5	110	0.00
67	C	Ethyl Benzene	50.000	58.613	-17.2#	115	0.00
68	T	m/p-Xylenes	100.000	120.312	-20.3	116	0.00
69	T	o-Xylene	50.000	59.427	-18.9	116	0.00
70	T	Styrene	50.000	58.870	-17.7	112	0.00
71	P	Bromoform	50.000	53.977	-8.0	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	59.188	-18.4	115	0.00
74	T	N-amyl acetate	50.000	51.479	-3.0	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.341	1.3	103	0.00
76	T	1,2,3-Trichloropropane	50.000	55.811	-11.6	106	0.00
77	T	Bromobenzene	50.000	53.918	-7.8	106	0.00
78	T	n-propylbenzene	50.000	59.945	-19.9	114	0.00
79	T	2-Chlorotoluene	50.000	57.978	-16.0	113	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.898	-17.8	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.487	-7.0	105	0.00
82	T	4-Chlorotoluene	50.000	56.313	-12.6	112	0.00
83	T	tert-Butylbenzene	50.000	59.243	-18.5	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.796	-17.6	111	0.00
85	T	sec-Butylbenzene	50.000	59.298	-18.6	113	0.00
86	T	p-Isopropyltoluene	50.000	59.828	-19.7	112	0.00
87	T	1,3-Dichlorobenzene	50.000	54.717	-9.4	111	0.00
88	T	1,4-Dichlorobenzene	50.000	52.622	-5.2	108	0.00
89	T	n-Butylbenzene	50.000	59.348	-18.7	114	0.00
90	T	Hexachloroethane	50.000	53.882	-7.8	109	0.00
91	T	1,2-Dichlorobenzene	50.000	54.404	-8.8	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.928	-3.9	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.819	-7.6	107	0.00
94	T	Hexachlorobutadiene	50.000	55.602	-11.2	113	0.00
95	T	Naphthalene	50.000	52.553	-5.1	107	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	53.806	-7.6	107	0.00

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