Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080299.D
Acq On : 13 May 2025 13:01
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 14 01:31:36 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	41.363	17.3	93	0.00
3	P	Chloromethane	50.000	42.825	14.3	90	0.00
4	C	Vinyl Chloride	50.000	39.949	20.1#	94	0.00
5	T	Bromomethane	50.000	38.046	23.9	94	-0.01
6	T	Chloroethane	50.000	42.873	14.3	98	0.00
7	T	Trichlorofluoromethane	50.000	45.704	8.6	104	0.00
8	T	Diethyl Ether	50.000	42.284	15.4	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.083	11.8	100	-0.01
10	T	Methyl Iodide	50.000	47.084	5.8	96	-0.01
11	T	Tert butyl alcohol	250.000	201.240	19.5	89	0.01
12	CM	1,1-Dichloroethene	50.000	41.865	16.3#	95	-0.01
13	T	Acrolein	250.000	108.074	56.8#	46	0.00
14	T	Allyl chloride	50.000	40.799	18.4	89	0.00
15	T	Acrylonitrile	250.000	211.747	15.3	93	0.00
16	T	Acetone	250.000	250.848	-0.3	99	0.00
17	T	Carbon Disulfide	50.000	41.629	16.7	97	0.00
18	T	Methyl Acetate	50.000	39.537	20.9	92	0.00
19	T	Methyl tert-butyl Ether	50.000	46.542	6.9	96	0.00
20	T	Methylene Chloride	50.000	45.764	8.5	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.924	10.2	98	0.00
22	T	Diisopropyl ether	50.000	46.250	7.5	94	0.00
23	T	Vinyl Acetate	250.000	231.164	7.5	92	0.00
24	P	1,1-Dichloroethane	50.000	44.514	11.0	96	-0.01
25	T	2-Butanone	250.000	219.199	12.3	90	0.00
26	T	2,2-Dichloropropane	50.000	46.790	6.4	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.335	9.3	96	0.00
28	T	Bromochloromethane	50.000	44.484	11.0	92	0.00
29	T	Tetrahydrofuran	250.000	225.521	9.8	91	0.00
30	C	Chloroform	50.000	46.116	7.8#	99	0.00
31	T	Cyclohexane	50.000	43.295	13.4	96	0.00
32	T	1,1,1-Trichloroethane	50.000	47.595	4.8	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.967	10.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	51.295	-2.6	94	0.00
36	T	1,1-Dichloropropene	50.000	50.636	-1.3	98	0.00
37	T	Ethyl Acetate	50.000	46.070	7.9	91	0.00
38	T	Carbon Tetrachloride	50.000	51.319	-2.6	100	0.00
39	T	Methylcyclohexane	50.000	51.620	-3.2	101	0.00
40	TM	Benzene	50.000	49.064	1.9	96	0.00
41	T	Methacrylonitrile	50.000	44.662	10.7	92	0.00
42	TM	1,2-Dichloroethane	50.000	49.910	0.2	98	0.00
43	T	Isopropyl Acetate	50.000	48.711	2.6	92	0.00
44	TM	Trichloroethene	50.000	51.482	-3.0	103	0.00
45	C	1,2-Dichloropropane	50.000	51.468	-2.9#	98	0.00
46	T	Dibromomethane	50.000	51.950	-3.9	100	0.00
47	T	Bromodichloromethane	50.000	51.517	-3.0	99	0.00
48	T	Methyl methacrylate	50.000	49.844	0.3	93	0.00

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Quant Title : SW846 8260
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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	1039.070	-3.9	98	0.00
50	S	Toluene-d8	50.000	52.068	-4.1	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.551	-2.6	92	0.00
52	CM	Toluene	50.000	51.915	-3.8#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	49.599	0.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.569	-1.1	95	0.00
55	T	1,1,2-Trichloroethane	50.000	52.556	-5.1	98	0.00
56	T	Ethyl methacrylate	50.000	53.279	-6.6	94	0.00
57	T	1,3-Dichloropropane	50.000	51.450	-2.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.453	-9.4	92	0.00
59	T	2-Hexanone	250.000	258.022	-3.2	93	0.00
60	T	Dibromochloromethane	50.000	51.955	-3.9	97	0.00
61	T	1,2-Dibromoethane	50.000	51.072	-2.1	100	0.00
62	S	4-Bromofluorobenzene	50.000	52.144	-4.3	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	51.250	-2.5	104	0.00
65	PM	Chlorobenzene	50.000	49.427	1.1	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.371	-0.7	97	0.00
67	C	Ethyl Benzene	50.000	52.197	-4.4#	100	0.00
68	T	m/p-Xylenes	100.000	107.251	-7.3	101	0.00
69	T	o-Xylene	50.000	52.816	-5.6	100	0.00
70	T	Styrene	50.000	53.416	-6.8	100	0.00
71	P	Bromoform	50.000	53.531	-7.1	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	49.259	1.5	98	0.00
74	T	N-amyl acetate	50.000	46.590	6.8	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.218	5.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	44.278	11.4	87	0.00
77	T	Bromobenzene	50.000	48.308	3.4	98	0.00
78	T	n-propylbenzene	50.000	51.933	-3.9	102	0.00
79	T	2-Chlorotoluene	50.000	49.785	0.4	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.178	-4.4	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.741	4.5	96	0.00
82	T	4-Chlorotoluene	50.000	49.604	0.8	101	0.00
83	T	tert-Butylbenzene	50.000	50.594	-1.2	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.599	-3.2	100	0.00
85	T	sec-Butylbenzene	50.000	50.655	-1.3	99	0.00
86	T	p-Isopropyltoluene	50.000	52.398	-4.8	101	0.00
87	T	1,3-Dichlorobenzene	50.000	47.677	4.6	99	0.00
88	T	1,4-Dichlorobenzene	50.000	46.945	6.1	99	0.00
89	T	n-Butylbenzene	50.000	51.402	-2.8	101	0.00
90	T	Hexachloroethane	50.000	48.653	2.7	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.714	2.6	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.338	9.3	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.410	3.2	99	0.00
94	T	Hexachlorobutadiene	50.000	48.236	3.5	100	0.00
95	T	Naphthalene	50.000	46.727	6.5	97	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	48.585	2.8	99	0.00

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