Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
Data File : VD080380.D
Acq On : 16 May 2025 19:28
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 17 01:24:40 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	59.428	-18.9	133	0.00
3	P	Chloromethane	50.000	43.894	12.2	96	0.00
4	C	Vinyl Chloride	50.000	36.263	27.5#	89	0.00
5	T	Bromomethane	50.000	33.745	32.5#	87	0.00
6	T	Chloroethane	50.000	36.694	26.6#	88	0.00
7	T	Trichlorofluoromethane	50.000	48.994	2.0	116	0.00
8	T	Diethyl Ether	50.000	52.754	-5.5	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.908	2.2	116	0.00
10	T	Methyl Iodide	50.000	60.615	-21.2	129	0.00
11	T	Tert butyl alcohol	250.000	250.660	-0.3	115	-0.01
12	CM	1,1-Dichloroethene	50.000	48.428	3.1#	115	0.00
13	T	Acrolein	250.000	61.706	75.3#	27	0.00
14	T	Allyl chloride	50.000	47.954	4.1	109	0.00
15	T	Acrylonitrile	250.000	244.013	2.4	112	0.00
16	T	Acetone	250.000	261.977	-4.8	107	0.00
17	T	Carbon Disulfide	50.000	48.508	3.0	117	0.00
18	T	Methyl Acetate	50.000	68.595	-37.2#	166	0.00
19	T	Methyl tert-butyl Ether	50.000	56.467	-12.9	121	0.00
20	T	Methylene Chloride	50.000	56.303	-12.6	118	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.972	-1.9	116	0.00
22	T	Diisopropyl ether	50.000	51.054	-2.1	108	0.00
23	T	Vinyl Acetate	250.000	228.343	8.7	94	0.00
24	P	1,1-Dichloroethane	50.000	50.280	-0.6	113	0.00
25	T	2-Butanone	250.000	238.868	4.5	103	0.00
26	T	2,2-Dichloropropane	50.000	46.193	7.6	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.413	-6.8	118	0.00
28	T	Bromochloromethane	50.000	44.973	10.1	97	0.00
29	T	Tetrahydrofuran	250.000	250.804	-0.3	106	0.00
30	C	Chloroform	50.000	52.133	-4.3#	117	0.00
31	T	Cyclohexane	50.000	46.522	7.0	107	0.00
32	T	1,1,1-Trichloroethane	50.000	50.931	-1.9	115	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.637	4.7	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	51.382	-2.8	108	0.00
36	T	1,1-Dichloropropene	50.000	51.277	-2.6	113	0.00
37	T	Ethyl Acetate	50.000	44.661	10.7	101	0.00
38	T	Carbon Tetrachloride	50.000	50.414	-0.8	112	0.00
39	T	Methylcyclohexane	50.000	49.313	1.4	110	0.00
40	TM	Benzene	50.000	50.855	-1.7	114	0.00
41	T	Methacrylonitrile	50.000	51.336	-2.7	121	0.00
42	TM	1,2-Dichloroethane	50.000	49.321	1.4	111	0.00
43	T	Isopropyl Acetate	50.000	47.308	5.4	102	0.00
44	TM	Trichloroethene	50.000	51.503	-3.0	118	0.00
45	C	1,2-Dichloropropane	50.000	49.496	1.0#	108	0.00
46	T	Dibromomethane	50.000	53.217	-6.4	117	0.00
47	T	Bromodichloromethane	50.000	52.497	-5.0	116	0.00
48	T	Methyl methacrylate	50.000	53.581	-7.2	115	0.00

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Instrument :
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LabSampleId :
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Quant Time: May 17 01:24:40 2025
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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	1046.665	-4.7	113	0.00
50	S	Toluene-d8	50.000	49.594	0.8	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.891	-0.4	104	0.00
52	CM	Toluene	50.000	51.664	-3.3#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	50.525	-1.0	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.945	-1.9	110	0.00
55	T	1,1,2-Trichloroethane	50.000	51.407	-2.8	110	0.00
56	T	Ethyl methacrylate	50.000	54.700	-9.4	111	0.00
57	T	1,3-Dichloropropane	50.000	52.419	-4.8	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.529	-9.4	106	0.00
59	T	2-Hexanone	250.000	246.877	1.2	102	0.00
60	T	Dibromochloromethane	50.000	54.046	-8.1	116	0.00
61	T	1,2-Dibromoethane	50.000	52.661	-5.3	118	0.00
62	S	4-Bromofluorobenzene	50.000	49.571	0.9	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	49.902	0.2	113	0.00
65	PM	Chlorobenzene	50.000	50.483	-1.0	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.349	-2.7	110	0.00
67	C	Ethyl Benzene	50.000	52.124	-4.2#	112	0.00
68	T	m/p-Xylenes	100.000	105.108	-5.1	110	0.00
69	T	o-Xylene	50.000	52.592	-5.2	111	0.00
70	T	Styrene	50.000	52.725	-5.5	110	0.00
71	P	Bromoform	50.000	52.126	-4.3	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	54.560	-9.1	109	0.00
74	T	N-amyl acetate	50.000	46.937	6.1	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.190	-6.4	114	0.00
76	T	1,2,3-Trichloropropane	50.000	46.100	7.8	90	0.00
77	T	Bromobenzene	50.000	53.242	-6.5	108	0.00
78	T	n-propylbenzene	50.000	54.114	-8.2	106	0.00
79	T	2-Chlorotoluene	50.000	54.202	-8.4	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.404	-10.8	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.514	-1.0	102	0.00
82	T	4-Chlorotoluene	50.000	52.462	-4.9	108	0.00
83	T	tert-Butylbenzene	50.000	54.566	-9.1	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.640	-9.3	106	0.00
85	T	sec-Butylbenzene	50.000	53.523	-7.0	105	0.00
86	T	p-Isopropyltoluene	50.000	53.851	-7.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	50.901	-1.8	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.655	0.7	105	0.00
89	T	n-Butylbenzene	50.000	51.821	-3.6	102	0.00
90	T	Hexachloroethane	50.000	50.407	-0.8	104	0.00
91	T	1,2-Dichlorobenzene	50.000	51.471	-2.9	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.591	-1.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.401	-2.8	105	0.00
94	T	Hexachlorobutadiene	50.000	49.659	0.7	104	0.00
95	T	Naphthalene	50.000	53.146	-6.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.076	-6.2	108	0.00

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