Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
Data File : VD080486.D
Acq On : 26 Jun 2025 17:42
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 27 05:31:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:36 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	48.821	2.4	85	0.00
3	P	Chloromethane	50.000	53.092	-6.2	88	0.00
4	C	Vinyl Chloride	50.000	54.621	-9.2#	90	0.00
5	T	Bromomethane	50.000	56.942	-13.9	101	0.00
6	T	Chloroethane	50.000	54.515	-9.0	89	0.00
7	T	Trichlorofluoromethane	50.000	51.835	-3.7	87	0.00
8	T	Diethyl Ether	50.000	54.978	-10.0	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.789	-3.6	88	0.00
10	T	Methyl Iodide	50.000	56.906	-13.8	87	0.00
11	T	Tert butyl alcohol	250.000	254.292	-1.7	80	0.00
12	CM	1,1-Dichloroethene	50.000	51.874	-3.7#	87	0.00
13	T	Acrolein	250.000	259.431	-3.8	86	0.00
14	T	Allyl chloride	50.000	52.612	-5.2	86	0.00
15	T	Acrylonitrile	250.000	265.069	-6.0	84	0.00
16	T	Acetone	250.000	244.609	2.2	90	0.00
17	T	Carbon Disulfide	50.000	53.603	-7.2	86	0.00
18	T	Methyl Acetate	50.000	51.214	-2.4	82	0.00
19	T	Methyl tert-butyl Ether	50.000	53.573	-7.1	86	0.00
20	T	Methylene Chloride	50.000	53.831	-7.7	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.656	-5.3	88	0.00
22	T	Diisopropyl ether	50.000	54.599	-9.2	89	0.00
23	T	Vinyl Acetate	250.000	274.930	-10.0	87	0.00
24	P	1,1-Dichloroethane	50.000	53.349	-6.7	89	0.00
25	T	2-Butanone	250.000	257.584	-3.0	87	0.00
26	T	2,2-Dichloropropane	50.000	50.961	-1.9	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.128	-6.3	88	0.00
28	T	Bromochloromethane	50.000	56.119	-12.2	91	0.00
29	T	Tetrahydrofuran	250.000	272.157	-8.9	86	0.00
30	C	Chloroform	50.000	53.151	-6.3#	88	0.00
31	T	Cyclohexane	50.000	50.244	-0.5	87	0.00
32	T	1,1,1-Trichloroethane	50.000	51.682	-3.4	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.428	-10.9	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	54.943	-9.9	86	0.00
36	T	1,1-Dichloropropene	50.000	52.073	-4.1	88	0.00
37	T	Ethyl Acetate	50.000	51.610	-3.2	84	0.00
38	T	Carbon Tetrachloride	50.000	51.135	-2.3	87	0.00
39	T	Methylcyclohexane	50.000	51.327	-2.7	87	0.00
40	TM	Benzene	50.000	52.508	-5.0	87	0.00
41	T	Methacrylonitrile	50.000	50.161	-0.3	81	0.00
42	TM	1,2-Dichloroethane	50.000	52.025	-4.0	84	0.00
43	T	Isopropyl Acetate	50.000	52.597	-5.2	86	0.00
44	TM	Trichloroethene	50.000	51.819	-3.6	87	0.00
45	C	1,2-Dichloropropane	50.000	53.837	-7.7#	89	0.00
46	T	Dibromomethane	50.000	53.152	-6.3	87	0.00
47	T	Bromodichloromethane	50.000	52.840	-5.7	88	0.00
48	T	Methyl methacrylate	50.000	52.433	-4.9	85	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	980.361	2.0	81	0.00
50	S	Toluene-d8	50.000	54.510	-9.0	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.556	-6.2	86	0.00
52	CM	Toluene	50.000	51.661	-3.3#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	52.880	-5.8	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.589	-5.2	87	0.00
55	T	1,1,2-Trichloroethane	50.000	51.910	-3.8	87	0.00
56	T	Ethyl methacrylate	50.000	52.914	-5.8	87	0.00
57	T	1,3-Dichloropropane	50.000	52.638	-5.3	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.689	-1.1	83	0.00
59	T	2-Hexanone	250.000	257.896	-3.2	85	0.00
60	T	Dibromochloromethane	50.000	52.265	-4.5	86	0.00
61	T	1,2-Dibromoethane	50.000	52.060	-4.1	85	0.00
62	S	4-Bromofluorobenzene	50.000	53.428	-6.9	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	51.478	-3.0	87	0.00
65	PM	Chlorobenzene	50.000	52.109	-4.2	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.745	-5.5	88	0.00
67	C	Ethyl Benzene	50.000	52.006	-4.0#	88	0.00
68	T	m/p-Xylenes	100.000	103.974	-4.0	87	0.00
69	T	o-Xylene	50.000	52.003	-4.0	88	0.00
70	T	Styrene	50.000	52.400	-4.8	88	0.00
71	P	Bromoform	50.000	51.140	-2.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	51.361	-2.7	88	0.00
74	T	N-amyl acetate	50.000	52.563	-5.1	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.533	-1.1	85	0.00
76	T	1,2,3-Trichloropropane	50.000	51.116	-2.2	86	0.00
77	T	Bromobenzene	50.000	51.468	-2.9	86	0.00
78	T	n-propylbenzene	50.000	51.690	-3.4	88	0.00
79	T	2-Chlorotoluene	50.000	51.452	-2.9	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.182	-2.4	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.032	-0.1	81	0.00
82	T	4-Chlorotoluene	50.000	50.921	-1.8	87	0.00
83	T	tert-Butylbenzene	50.000	50.590	-1.2	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.271	-2.5	88	0.00
85	T	sec-Butylbenzene	50.000	51.131	-2.3	88	0.00
86	T	p-Isopropyltoluene	50.000	50.285	-0.6	87	0.00
87	T	1,3-Dichlorobenzene	50.000	51.707	-3.4	88	0.00
88	T	1,4-Dichlorobenzene	50.000	51.991	-4.0	89	0.00
89	T	n-Butylbenzene	50.000	51.550	-3.1	89	0.00
90	T	Hexachloroethane	50.000	50.446	-0.9	87	0.00
91	T	1,2-Dichlorobenzene	50.000	51.891	-3.8	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.613	0.8	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.968	-3.9	89	0.00
94	T	Hexachlorobutadiene	50.000	48.793	2.4	87	0.00
95	T	Naphthalene	50.000	51.290	-2.6	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.795	-5.6	89	0.00

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