Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
Data File : VD080512.D
Acq On : 04 Sep 2025 13:09
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 05 03:45:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	41.891	16.2	85	0.00
3	P	Chloromethane	50.000	45.446	9.1	86	0.00
4	C	Vinyl Chloride	50.000	48.271	3.5#	89	0.00
5	T	Bromomethane	50.000	45.926	8.1	89	0.00
6	T	Chloroethane	50.000	48.922	2.2	88	0.00
7	T	Trichlorofluoromethane	50.000	48.115	3.8	88	0.00
8	T	Diethyl Ether	50.000	46.169	7.7	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.728	4.5	87	0.00
10	T	Methyl Iodide	50.000	47.726	4.5	81	0.00
11	T	Tert butyl alcohol	250.000	228.610	8.6	86	0.01
12	CM	1,1-Dichloroethene	50.000	47.177	5.6#	83	0.00
13	T	Acrolein	250.000	150.141	39.9#	54	0.00
14	T	Allyl chloride	50.000	45.762	8.5	81	0.00
15	T	Acrylonitrile	250.000	235.362	5.9	84	0.00
16	T	Acetone	250.000	229.558	8.2	80	0.00
17	T	Carbon Disulfide	50.000	45.949	8.1	83	0.00
18	T	Methyl Acetate	50.000	47.237	5.5	90	0.00
19	T	Methyl tert-butyl Ether	50.000	47.947	4.1	86	0.00
20	T	Methylene Chloride	50.000	44.982	10.0	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.201	5.6	85	0.00
22	T	Diisopropyl ether	50.000	47.288	5.4	83	0.00
23	T	Vinyl Acetate	250.000	238.398	4.6	83	0.00
24	P	1,1-Dichloroethane	50.000	47.270	5.5	84	0.00
25	T	2-Butanone	250.000	233.900	6.4	83	0.00
26	T	2,2-Dichloropropane	50.000	47.296	5.4	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.750	4.5	84	0.00
28	T	Bromochloromethane	50.000	47.699	4.6	83	0.00
29	T	Tetrahydrofuran	250.000	240.128	3.9	86	0.00
30	C	Chloroform	50.000	48.652	2.7#	85	0.00
31	T	Cyclohexane	50.000	44.883	10.2	84	0.00
32	T	1,1,1-Trichloroethane	50.000	48.285	3.4	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.646	12.7	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	47.707	4.6	85	0.00
36	T	1,1-Dichloropropene	50.000	49.432	1.1	86	0.00
37	T	Ethyl Acetate	50.000	49.675	0.7	83	0.00
38	T	Carbon Tetrachloride	50.000	51.212	-2.4	89	0.00
39	T	Methylcyclohexane	50.000	49.211	1.6	86	0.00
40	TM	Benzene	50.000	48.995	2.0	84	0.00
41	T	Methacrylonitrile	50.000	44.111	11.8	74	0.00
42	TM	1,2-Dichloroethane	50.000	50.446	-0.9	87	0.00
43	T	Isopropyl Acetate	50.000	49.113	1.8	85	0.00
44	TM	Trichloroethene	50.000	50.469	-0.9	88	0.00
45	C	1,2-Dichloropropane	50.000	48.128	3.7#	83	0.00
46	T	Dibromomethane	50.000	50.532	-1.1	86	0.00
47	T	Bromodichloromethane	50.000	50.740	-1.5	87	0.00
48	T	Methyl methacrylate	50.000	49.609	0.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1043.882	-4.4	89	0.00
50	S	Toluene-d8	50.000	47.867	4.3	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.994	0.4	86	0.00
52	CM	Toluene	50.000	49.880	0.2#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	49.719	0.6	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.183	1.6	85	0.00
55	T	1,1,2-Trichloroethane	50.000	50.125	-0.3	86	0.00
56	T	Ethyl methacrylate	50.000	49.795	0.4	86	0.00
57	T	1,3-Dichloropropane	50.000	50.274	-0.5	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.179	-2.5	86	0.00
59	T	2-Hexanone	250.000	246.282	1.5	84	0.00
60	T	Dibromochloromethane	50.000	51.271	-2.5	89	0.00
61	T	1,2-Dibromoethane	50.000	51.550	-3.1	88	0.00
62	S	4-Bromofluorobenzene	50.000	47.037	5.9	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	50.951	-1.9	89	0.00
65	PM	Chlorobenzene	50.000	49.488	1.0	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.205	-2.4	88	0.00
67	C	Ethyl Benzene	50.000	50.151	-0.3#	86	0.00
68	T	m/p-Xylenes	100.000	99.855	0.1	85	0.00
69	T	o-Xylene	50.000	50.038	-0.1	86	0.00
70	T	Styrene	50.000	50.534	-1.1	86	0.00
71	P	Bromoform	50.000	51.755	-3.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	49.751	0.5	87	0.00
74	T	N-amyl acetate	50.000	49.343	1.3	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.858	0.3	88	0.00
76	T	1,2,3-Trichloropropane	50.000	50.484	-1.0	89	0.00
77	T	Bromobenzene	50.000	50.070	-0.1	87	0.00
78	T	n-propylbenzene	50.000	49.541	0.9	86	0.00
79	T	2-Chlorotoluene	50.000	48.955	2.1	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.774	0.5	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.869	4.3	85	0.00
82	T	4-Chlorotoluene	50.000	49.071	1.9	86	0.00
83	T	tert-Butylbenzene	50.000	50.411	-0.8	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.638	0.7	87	0.00
85	T	sec-Butylbenzene	50.000	50.116	-0.2	88	0.00
86	T	p-Isopropyltoluene	50.000	49.955	0.1	88	0.00
87	T	1,3-Dichlorobenzene	50.000	50.897	-1.8	88	0.00
88	T	1,4-Dichlorobenzene	50.000	50.106	-0.2	88	0.00
89	T	n-Butylbenzene	50.000	49.534	0.9	86	0.00
90	T	Hexachloroethane	50.000	49.542	0.9	89	0.00
91	T	1,2-Dichlorobenzene	50.000	49.974	0.1	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.708	0.6	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.093	-0.2	89	0.00
94	T	Hexachlorobutadiene	50.000	50.418	-0.8	91	0.00
95	T	Naphthalene	50.000	50.118	-0.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.850	-1.7	90	0.00

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