Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080315.D
Acq On : 13 May 2025 21:36
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 14 01:37:44 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	51.941	-3.9	81	0.00
3	P	Chloromethane	50.000	52.855	-5.7	78	0.00
4	C	Vinyl Chloride	50.000	49.150	1.7#	83	0.00
5	T	Bromomethane	50.000	48.446	3.1	86	-0.01
6	T	Chloroethane	50.000	52.398	-4.8	86	0.00
7	T	Trichlorofluoromethane	50.000	51.123	-2.2	83	0.00
8	T	Diethyl Ether	50.000	53.634	-7.3	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.849	-1.7	82	-0.01
10	T	Methyl Iodide	50.000	54.658	-9.3	80	0.00
11	T	Tert butyl alcohol	250.000	253.017	-1.2	80	0.00
12	CM	1,1-Dichloroethene	50.000	48.235	3.5#	78	0.00
13	T	Acrolein	250.000	120.568	51.8#	37	0.00
14	T	Allyl chloride	50.000	44.733	10.5	69	0.00
15	T	Acrylonitrile	250.000	244.758	2.1	77	0.00
16	T	Acetone	250.000	278.299	-11.3	78	0.00
17	T	Carbon Disulfide	50.000	45.522	9.0	75	0.00
18	T	Methyl Acetate	50.000	59.742	-19.5	99	0.00
19	T	Methyl tert-butyl Ether	50.000	57.068	-14.1	84	0.00
20	T	Methylene Chloride	50.000	57.190	-14.4	82	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.955	-3.9	81	0.00
22	T	Diisopropyl ether	50.000	52.529	-5.1	76	0.00
23	T	Vinyl Acetate	250.000	243.856	2.5	69	0.00
24	P	1,1-Dichloroethane	50.000	51.799	-3.6	80	0.00
25	T	2-Butanone	250.000	225.558	9.8	67	0.00
26	T	2,2-Dichloropropane	50.000	43.910	12.2	68	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.715	-5.4	80	0.00
28	T	Bromochloromethane	50.000	45.825	8.3	68	0.00
29	T	Tetrahydrofuran	250.000	233.985	6.4	68	0.00
30	C	Chloroform	50.000	50.433	-0.9#	77	0.00
31	T	Cyclohexane	50.000	38.601	22.8	61	0.00
32	T	1,1,1-Trichloroethane	50.000	50.375	-0.8	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.693	0.6	75	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	57.145	-14.3	80	0.00
36	T	1,1-Dichloropropene	50.000	48.774	2.5	72	0.00
37	T	Ethyl Acetate	50.000	44.409	11.2	67	0.00
38	T	Carbon Tetrachloride	50.000	50.025	-0.0	75	0.00
39	T	Methylcyclohexane	50.000	50.657	-1.3	76	0.00
40	TM	Benzene	50.000	48.437	3.1	73	0.00
41	T	Methacrylonitrile	50.000	41.748	16.5	66	0.00
42	TM	1,2-Dichloroethane	50.000	50.137	-0.3	76	0.00
43	T	Isopropyl Acetate	50.000	46.544	6.9	68	0.00
44	TM	Trichloroethene	50.000	52.818	-5.6	81	0.00
45	C	1,2-Dichloropropane	50.000	55.490	-11.0#	81	0.00
46	T	Dibromomethane	50.000	61.060	-22.1	90	0.00
47	T	Bromodichloromethane	50.000	57.319	-14.6	85	0.00
48	T	Methyl methacrylate	50.000	54.930	-9.9	79	0.00

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Instrument :
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Quant Time: May 14 01:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
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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	1205.649	-20.6	87	0.00
50	S	Toluene-d8	50.000	52.885	-5.8	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.328	2.3	68	0.00
52	CM	Toluene	50.000	51.133	-2.3#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	56.517	-13.0	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.736	0.5	72	0.00
55	T	1,1,2-Trichloroethane	50.000	61.201	-22.4	88	0.00
56	T	Ethyl methacrylate	50.000	59.471	-18.9	81	0.00
57	T	1,3-Dichloropropane	50.000	58.305	-16.6	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.230	-14.5	74	0.00
59	T	2-Hexanone	250.000	259.283	-3.7	72	0.00
60	T	Dibromochloromethane	50.000	57.211	-14.4	82	0.00
61	T	1,2-Dibromoethane	50.000	56.402	-12.8	85	0.00
62	S	4-Bromofluorobenzene	50.000	59.421	-18.8	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	53.538	-7.1	85	0.00
65	PM	Chlorobenzene	50.000	51.249	-2.5	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.610	-9.2	82	0.00
67	C	Ethyl Benzene	50.000	51.206	-2.4#	77	0.00
68	T	m/p-Xylenes	100.000	103.468	-3.5	76	0.00
69	T	o-Xylene	50.000	60.861	-21.7	91	0.00
70	T	Styrene	50.000	61.725	-23.5	90	0.00
71	P	Bromoform	50.000	59.215	-18.4	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	44.615	10.8	84	0.00
74	T	N-amyl acetate	50.000	40.422	19.2	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.819	18.4	82	0.00
76	T	1,2,3-Trichloropropane	50.000	46.562	6.9	86	0.00
77	T	Bromobenzene	50.000	43.267	13.5	82	0.00
78	T	n-propylbenzene	50.000	41.295	17.4	76	0.00
79	T	2-Chlorotoluene	50.000	41.016	18.0	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.599	14.8	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.092	13.8	81	0.00
82	T	4-Chlorotoluene	50.000	40.876	18.2	79	0.00
83	T	tert-Butylbenzene	50.000	43.452	13.1	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.813	10.4	81	0.00
85	T	sec-Butylbenzene	50.000	48.261	3.5	89	0.00
86	T	p-Isopropyltoluene	50.000	49.315	1.4	89	0.00
87	T	1,3-Dichlorobenzene	50.000	48.457	3.1	95	0.00
88	T	1,4-Dichlorobenzene	50.000	46.625	6.8	92	0.00
89	T	n-Butylbenzene	50.000	47.326	5.3	87	0.00
90	T	Hexachloroethane	50.000	48.625	2.8	95	0.00
91	T	1,2-Dichlorobenzene	50.000	49.055	1.9	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.995	8.0	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.782	16.4	80	0.00
94	T	Hexachlorobutadiene	50.000	43.103	13.8	84	0.00
95	T	Naphthalene	50.000	43.229	13.5	85	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	44.901	10.2	86	0.00

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