Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080358.D
Acq On : 15 May 2025 19:28
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 16 03:03:59 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	64.765	-29.5#	155	0.00
3	P	Chloromethane	50.000	43.424	13.2	103	0.00
4	C	Vinyl Chloride	50.000	35.490	29.0#	94	0.00
5	T	Bromomethane	50.000	34.834	30.3#	97	0.00
6	T	Chloroethane	50.000	34.756	30.5#	89	0.00
7	T	Trichlorofluoromethane	50.000	48.232	3.5	123	0.00
8	T	Diethyl Ether	50.000	51.559	-3.1	127	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.679	0.6	127	0.00
10	T	Methyl Iodide	50.000	53.527	-7.1	123	0.00
11	T	Tert butyl alcohol	250.000	224.970	10.0	112	-0.01
12	CM	1,1-Dichloroethene	50.000	47.051	5.9#	120	0.00
13	T	Acrolein	250.000	71.599	71.4#	34	0.00
14	T	Allyl chloride	50.000	45.947	8.1	112	0.00
15	T	Acrylonitrile	250.000	233.300	6.7	115	0.00
16	T	Acetone	250.000	258.851	-3.5	115	0.00
17	T	Carbon Disulfide	50.000	47.190	5.6	123	0.00
18	T	Methyl Acetate	50.000	53.506	-7.0	140	0.00
19	T	Methyl tert-butyl Ether	50.000	53.058	-6.1	123	0.00
20	T	Methylene Chloride	50.000	55.607	-11.2	126	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.243	-0.5	123	0.00
22	T	Diisopropyl ether	50.000	49.841	0.3	114	0.00
23	T	Vinyl Acetate	250.000	237.600	5.0	106	0.00
24	P	1,1-Dichloroethane	50.000	48.925	2.2	119	0.00
25	T	2-Butanone	250.000	238.962	4.4	111	0.00
26	T	2,2-Dichloropropane	50.000	47.346	5.3	115	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.687	-3.4	124	0.00
28	T	Bromochloromethane	50.000	42.652	14.7	99	0.00
29	T	Tetrahydrofuran	250.000	245.266	1.9	112	0.00
30	C	Chloroform	50.000	50.258	-0.5#	121	0.00
31	T	Cyclohexane	50.000	46.184	7.6	115	0.00
32	T	1,1,1-Trichloroethane	50.000	49.692	0.6	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.276	3.4	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	53.952	-7.9	117	0.00
36	T	1,1-Dichloropropene	50.000	53.415	-6.8	122	0.00
37	T	Ethyl Acetate	50.000	44.965	10.1	105	0.00
38	T	Carbon Tetrachloride	50.000	52.014	-4.0	119	0.00
39	T	Methylcyclohexane	50.000	52.961	-5.9	122	0.00
40	TM	Benzene	50.000	51.905	-3.8	120	0.00
41	T	Methacrylonitrile	50.000	58.915	-17.8	143	0.03
42	TM	1,2-Dichloroethane	50.000	49.706	0.6	116	0.00
43	T	Isopropyl Acetate	50.000	48.342	3.3	108	0.00
44	TM	Trichloroethene	50.000	52.573	-5.1	124	0.00
45	C	1,2-Dichloropropane	50.000	51.338	-2.7#	116	0.00
46	T	Dibromomethane	50.000	52.687	-5.4	119	0.00
47	T	Bromodichloromethane	50.000	52.666	-5.3	120	0.00
48	T	Methyl methacrylate	50.000	52.332	-4.7	115	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1015.135	-1.5	113	0.00
50	S	Toluene-d8	50.000	53.226	-6.5	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.156	-2.9	109	0.00
52	CM	Toluene	50.000	53.473	-6.9#	119	0.00
53	T	t-1,3-Dichloropropene	50.000	52.534	-5.1	118	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.503	-5.0	116	0.00
55	T	1,1,2-Trichloroethane	50.000	52.623	-5.2	116	0.00
56	T	Ethyl methacrylate	50.000	54.928	-9.9	114	0.00
57	T	1,3-Dichloropropane	50.000	53.514	-7.0	120	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.705	-16.3	116	0.00
59	T	2-Hexanone	250.000	253.343	-1.3	108	0.00
60	T	Dibromochloromethane	50.000	53.146	-6.3	118	0.00
61	T	1,2-Dibromoethane	50.000	53.757	-7.5	124	0.00
62	S	4-Bromofluorobenzene	50.000	54.050	-8.1	116	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	52.615	-5.2	123	0.00
65	PM	Chlorobenzene	50.000	52.029	-4.1	119	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.520	-5.0	116	0.00
67	C	Ethyl Benzene	50.000	53.765	-7.5#	119	0.00
68	T	m/p-Xylenes	100.000	107.074	-7.1	115	0.00
69	T	o-Xylene	50.000	54.955	-9.9	120	0.00
70	T	Styrene	50.000	54.164	-8.3	116	0.00
71	P	Bromoform	50.000	51.601	-3.2	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	54.500	-9.0	117	0.00
74	T	N-amyl acetate	50.000	48.047	3.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.575	-1.2	116	0.00
76	T	1,2,3-Trichloropropane	50.000	59.220	-18.4	124	0.00
77	T	Bromobenzene	50.000	53.836	-7.7	117	0.00
78	T	n-propylbenzene	50.000	54.743	-9.5	115	0.00
79	T	2-Chlorotoluene	50.000	54.485	-9.0	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.098	-10.2	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.596	0.8	107	0.00
82	T	4-Chlorotoluene	50.000	52.714	-5.4	116	0.00
83	T	tert-Butylbenzene	50.000	54.651	-9.3	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.259	-10.5	115	0.00
85	T	sec-Butylbenzene	50.000	54.443	-8.9	115	0.00
86	T	p-Isopropyltoluene	50.000	54.354	-8.7	113	0.00
87	T	1,3-Dichlorobenzene	50.000	51.230	-2.5	114	0.00
88	T	1,4-Dichlorobenzene	50.000	48.997	2.0	111	0.00
89	T	n-Butylbenzene	50.000	53.803	-7.6	113	0.00
90	T	Hexachloroethane	50.000	51.703	-3.4	115	0.00
91	T	1,2-Dichlorobenzene	50.000	51.711	-3.4	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.759	-1.5	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.355	-4.7	115	0.00
94	T	Hexachlorobutadiene	50.000	52.419	-4.8	117	0.00
95	T	Naphthalene	50.000	54.808	-9.6	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.095	-6.2	116	0.00

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