Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
Data File : VD080410.D
Acq On : 04 Jun 2025 15:13
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

Quant Time: Jun 05 03:26:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 05 02:27:23 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	113	0.00
2	T	Dichlorodifluoromethane	50.000	47.431	5.1	128	0.00
3	P	Chloromethane	50.000	46.348	7.3	119	0.00
4	C	Vinyl Chloride	50.000	46.635	6.7#	116	0.00
5	T	Bromomethane	50.000	41.677	16.6	109	0.00
6	T	Chloroethane	50.000	46.233	7.5	118	0.00
7	T	Trichlorofluoromethane	50.000	47.753	4.5	118	0.00
8	T	Diethyl Ether	50.000	49.818	0.4	130	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.854	4.3	120	0.00
10	T	Methyl Iodide	50.000	51.486	-3.0	115	0.00
11	T	Tert butyl alcohol	250.000	254.999	-2.0	139	0.00
12	CM	1,1-Dichloroethene	50.000	49.736	0.5#	122	0.00
13	T	Acrolein	250.000	216.555	13.4	114	0.00
14	T	Allyl chloride	50.000	49.726	0.5	121	0.00
15	T	Acrylonitrile	250.000	252.223	-0.9	124	0.00
16	T	Acetone	250.000	250.376	-0.2	131	0.00
17	T	Carbon Disulfide	50.000	47.951	4.1	118	0.00
18	T	Methyl Acetate	50.000	49.079	1.8	123	0.00
19	T	Methyl tert-butyl Ether	50.000	54.290	-8.6	128	0.00
20	T	Methylene Chloride	50.000	49.163	1.7	125	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.173	-2.3	121	0.00
22	T	Diisopropyl ether	50.000	52.606	-5.2	121	0.00
23	T	Vinyl Acetate	250.000	264.416	-5.8	124	0.00
24	P	1,1-Dichloroethane	50.000	49.189	1.6	121	0.00
25	T	2-Butanone	250.000	253.839	-1.5	128	0.00
26	T	2,2-Dichloropropane	50.000	49.089	1.8	119	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.727	-1.5	121	0.00
28	T	Bromochloromethane	50.000	46.826	6.3	115	0.00
29	T	Tetrahydrofuran	250.000	268.414	-7.4	130	0.00
30	C	Chloroform	50.000	49.179	1.6#	118	0.00
31	T	Cyclohexane	50.000	47.633	4.7	117	0.00
32	T	1,1,1-Trichloroethane	50.000	49.493	1.0	119	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.682	6.6	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	49.743	0.5	115	0.00
36	T	1,1-Dichloropropene	50.000	50.607	-1.2	120	0.00
37	T	Ethyl Acetate	50.000	51.923	-3.8	126	0.00
38	T	Carbon Tetrachloride	50.000	49.287	1.4	118	0.00
39	T	Methylcyclohexane	50.000	52.031	-4.1	120	0.00
40	TM	Benzene	50.000	50.779	-1.6	120	0.00
41	T	Methacrylonitrile	50.000	43.684	12.6	100	0.00
42	TM	1,2-Dichloroethane	50.000	49.434	1.1	119	0.00
43	T	Isopropyl Acetate	50.000	52.040	-4.1	126	0.00
44	TM	Trichloroethene	50.000	50.975	-2.0	121	0.00
45	C	1,2-Dichloropropane	50.000	50.986	-2.0#	121	0.00
46	T	Dibromomethane	50.000	51.042	-2.1	119	0.00
47	T	Bromodichloromethane	50.000	51.052	-2.1	120	0.00
48	T	Methyl methacrylate	50.000	52.968	-5.9	120	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1179.866	-18.0	145	0.00
50	S	Toluene-d8	50.000	51.413	-2.8	111	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.170	-9.3	125	0.00
52	CM	Toluene	50.000	53.702	-7.4#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	54.288	-8.6	123	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.139	-6.3	123	0.00
55	T	1,1,2-Trichloroethane	50.000	52.972	-5.9	120	0.00
56	T	Ethyl methacrylate	50.000	57.232	-14.5	128	0.00
57	T	1,3-Dichloropropane	50.000	53.079	-6.2	123	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.551	-10.2	120	0.00
59	T	2-Hexanone	250.000	279.382	-11.8	126	0.00
60	T	Dibromochloromethane	50.000	52.824	-5.6	119	0.00
61	T	1,2-Dibromoethane	50.000	55.823	-11.6	126	0.00
62	S	4-Bromofluorobenzene	50.000	53.391	-6.8	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	49.877	0.2	119	0.00
65	PM	Chlorobenzene	50.000	50.771	-1.5	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.092	-0.2	116	0.00
67	C	Ethyl Benzene	50.000	52.057	-4.1#	119	0.00
68	T	m/p-Xylenes	100.000	106.383	-6.4	118	0.00
69	T	o-Xylene	50.000	53.842	-7.7	122	0.00
70	T	Styrene	50.000	53.287	-6.6	118	0.00
71	P	Bromoform	50.000	51.759	-3.5	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	53.804	-7.6	119	0.00
74	T	N-amyl acetate	50.000	54.739	-9.5	126	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.942	-1.9	119	0.00
76	T	1,2,3-Trichloropropane	50.000	53.910	-7.8	120	0.00
77	T	Bromobenzene	50.000	52.644	-5.3	120	0.00
78	T	n-propylbenzene	50.000	52.075	-4.2	117	0.00
79	T	2-Chlorotoluene	50.000	51.436	-2.9	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.060	-6.1	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.546	-5.1	122	0.00
82	T	4-Chlorotoluene	50.000	52.434	-4.9	119	0.00
83	T	tert-Butylbenzene	50.000	53.565	-7.1	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.369	-6.7	117	0.00
85	T	sec-Butylbenzene	50.000	53.312	-6.6	116	0.00
86	T	p-Isopropyltoluene	50.000	53.264	-6.5	118	0.00
87	T	1,3-Dichlorobenzene	50.000	51.274	-2.5	116	0.00
88	T	1,4-Dichlorobenzene	50.000	49.217	1.6	115	0.00
89	T	n-Butylbenzene	50.000	49.357	1.3	111	0.00
90	T	Hexachloroethane	50.000	46.388	7.2	110	0.00
91	T	1,2-Dichlorobenzene	50.000	50.036	-0.1	117	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.869	8.3	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.675	2.7	111	0.00
94	T	Hexachlorobutadiene	50.000	49.057	1.9	106	0.00
95	T	Naphthalene	50.000	50.448	-0.9	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.263	-2.5	116	0.00

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