Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
Data File : VD080401.D
Acq On : 30 May 2025 14:38
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

Quant Time: May 31 00:45:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
Quant Title : SW846 8260
QLast Update : Sat May 31 00:36:06 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	123	0.00
2	T	Dichlorodifluoromethane	50.000	43.942	12.1	120	0.00
3	P	Chloromethane	50.000	46.354	7.3	118	0.00
4	C	Vinyl Chloride	50.000	47.822	4.4#	118	0.00
5	T	Bromomethane	50.000	42.470	15.1	121	0.00
6	T	Chloroethane	50.000	44.527	10.9	115	0.00
7	T	Trichlorofluoromethane	50.000	47.620	4.8	117	0.00
8	T	Diethyl Ether	50.000	53.372	-6.7	126	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.270	5.5	119	0.00
10	T	Methyl Iodide	50.000	55.398	-10.8	125	0.00
11	T	Tert butyl alcohol	250.000	254.324	-1.7	135	0.00
12	CM	1,1-Dichloroethene	50.000	50.127	-0.3#	122	0.00
13	T	Acrolein	250.000	249.582	0.2	118	0.00
14	T	Allyl chloride	50.000	52.915	-5.8	132	0.00
15	T	Acrylonitrile	250.000	253.009	-1.2	126	0.00
16	T	Acetone	250.000	366.844	-46.7#	173	0.00
17	T	Carbon Disulfide	50.000	49.074	1.9	121	0.00
18	T	Methyl Acetate	50.000	47.160	5.7	121	-0.01
19	T	Methyl tert-butyl Ether	50.000	52.716	-5.4	131	0.00
20	T	Methylene Chloride	50.000	50.812	-1.6	146	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.259	-0.5	130	0.00
22	T	Diisopropyl ether	50.000	50.764	-1.5	116	0.00
23	T	Vinyl Acetate	250.000	260.732	-4.3	121	0.00
24	P	1,1-Dichloroethane	50.000	45.625	8.8	119	0.00
25	T	2-Butanone	250.000	287.519	-15.0	144	0.00
26	T	2,2-Dichloropropane	50.000	48.447	3.1	126	-0.01
27	T	cis-1,2-Dichloroethene	50.000	48.227	3.5	125	0.00
28	T	Bromochloromethane	50.000	44.535	10.9	120	0.00
29	T	Tetrahydrofuran	250.000	247.795	0.9	121	0.00
30	C	Chloroform	50.000	47.466	5.1#	127	0.00
31	T	Cyclohexane	50.000	49.404	1.2	128	0.00
32	T	1,1,1-Trichloroethane	50.000	47.260	5.5	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.160	7.7	125	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	55.024	-10.0	121	0.00
36	T	1,1-Dichloropropene	50.000	57.059	-14.1	127	0.00
37	T	Ethyl Acetate	50.000	54.022	-8.0	119	0.00
38	T	Carbon Tetrachloride	50.000	55.256	-10.5	127	0.00
39	T	Methylcyclohexane	50.000	56.445	-12.9	122	0.00
40	TM	Benzene	50.000	56.890	-13.8	127	0.00
41	T	Methacrylonitrile	50.000	51.952	-3.9	121	0.00
42	TM	1,2-Dichloroethane	50.000	52.236	-4.5	117	0.00
43	T	Isopropyl Acetate	50.000	55.597	-11.2	120	0.00
44	TM	Trichloroethene	50.000	51.113	-2.2	112	0.00
45	C	1,2-Dichloropropane	50.000	52.708	-5.4#	119	0.00
46	T	Dibromomethane	50.000	49.132	1.7	109	0.00
47	T	Bromodichloromethane	50.000	53.064	-6.1	117	0.00
48	T	Methyl methacrylate	50.000	57.935	-15.9	117	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1156.877	-15.7	122	0.00
50	S	Toluene-d8	50.000	42.858	14.3	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.232	2.7	103	0.00
52	CM	Toluene	50.000	45.861	8.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	43.767	12.5	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.336	7.3	102	0.00
55	T	1,1,2-Trichloroethane	50.000	40.937	18.1	86	0.00
56	T	Ethyl methacrylate	50.000	41.215	17.6	94	0.00
57	T	1,3-Dichloropropane	50.000	42.486	15.0	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.391	0.2	96	0.00
59	T	2-Hexanone	250.000	262.788	-5.1	105	0.00
60	T	Dibromochloromethane	50.000	42.651	14.7	99	0.00
61	T	1,2-Dibromoethane	50.000	42.419	15.2	97	0.00
62	S	4-Bromofluorobenzene	50.000	43.380	13.2	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	48.640	2.7	91	0.00
65	PM	Chlorobenzene	50.000	51.825	-3.7	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.541	-1.1	110	0.00
67	C	Ethyl Benzene	50.000	54.817	-9.6#	114	0.00
68	T	m/p-Xylenes	100.000	108.273	-8.3	112	0.00
69	T	o-Xylene	50.000	52.712	-5.4	111	0.00
70	T	Styrene	50.000	53.148	-6.3	109	0.00
71	P	Bromoform	50.000	51.045	-2.1	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	126	0.00
73	T	Isopropylbenzene	50.000	44.521	11.0	112	0.00
74	T	N-amyl acetate	50.000	47.972	4.1	120	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.411	19.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.011	-6.0	130	0.00
77	T	Bromobenzene	50.000	43.162	13.7	113	0.00
78	T	n-propylbenzene	50.000	46.304	7.4	112	0.00
79	T	2-Chlorotoluene	50.000	44.129	11.7	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.414	9.2	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.417	9.2	118	0.00
82	T	4-Chlorotoluene	50.000	44.424	11.2	111	0.00
83	T	tert-Butylbenzene	50.000	44.999	10.0	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.543	6.9	110	0.00
85	T	sec-Butylbenzene	50.000	46.487	7.0	112	0.00
86	T	p-Isopropyltoluene	50.000	54.288	-8.6	129	0.00
87	T	1,3-Dichlorobenzene	50.000	49.510	1.0	125	0.00
88	T	1,4-Dichlorobenzene	50.000	52.354	-4.7	137	0.00
89	T	n-Butylbenzene	50.000	52.979	-6.0	114	0.00
90	T	Hexachloroethane	50.000	48.044	3.9	108	0.00
91	T	1,2-Dichlorobenzene	50.000	51.562	-3.1	118	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.046	-0.1	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.177	9.6	98	0.00
94	T	Hexachlorobutadiene	50.000	49.388	1.2	99	0.00
95	T	Naphthalene	50.000	48.232	3.5	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.521	5.0	102	0.00

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