Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080503.D
Acq On : 27 Aug 2025 13:40
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

Quant Time: Aug 28 03:04:55 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	42.677	14.6	98	0.00
3	P	Chloromethane	50.000	43.727	12.5	94	0.00
4	C	Vinyl Chloride	50.000	45.756	8.5#	96	0.00
5	T	Bromomethane	50.000	45.924	8.2	102	0.00
6	T	Chloroethane	50.000	45.932	8.1	95	0.00
7	T	Trichlorofluoromethane	50.000	47.033	5.9	99	0.00
8	T	Diethyl Ether	50.000	45.435	9.1	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.364	7.3	96	0.00
10	T	Methyl Iodide	50.000	48.012	4.0	93	0.00
11	T	Tert butyl alcohol	250.000	224.839	10.1	96	0.00
12	CM	1,1-Dichloroethene	50.000	47.130	5.7#	95	0.00
13	T	Acrolein	250.000	238.067	4.8	98	0.00
14	T	Allyl chloride	50.000	46.169	7.7	93	0.00
15	T	Acrylonitrile	250.000	233.055	6.8	95	0.00
16	T	Acetone	250.000	216.920	13.2	86	0.00
17	T	Carbon Disulfide	50.000	45.750	8.5	94	0.00
18	T	Methyl Acetate	50.000	54.031	-8.1	117	0.00
19	T	Methyl tert-butyl Ether	50.000	47.133	5.7	96	0.00
20	T	Methylene Chloride	50.000	41.281	17.4	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.823	6.4	96	0.00
22	T	Diisopropyl ether	50.000	46.752	6.5	94	0.00
23	T	Vinyl Acetate	250.000	225.501	9.8	90	0.00
24	P	1,1-Dichloroethane	50.000	46.440	7.1	94	0.00
25	T	2-Butanone	250.000	227.373	9.1	92	0.00
26	T	2,2-Dichloropropane	50.000	46.581	6.8	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.612	6.8	94	0.00
28	T	Bromochloromethane	50.000	46.884	6.2	93	0.00
29	T	Tetrahydrofuran	250.000	235.160	5.9	96	0.00
30	C	Chloroform	50.000	47.406	5.2#	95	0.00
31	T	Cyclohexane	50.000	45.645	8.7	97	0.00
32	T	1,1,1-Trichloroethane	50.000	47.781	4.4	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.390	15.2	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	46.598	6.8	94	0.00
36	T	1,1-Dichloropropene	50.000	48.972	2.1	97	0.00
37	T	Ethyl Acetate	50.000	47.346	5.3	90	0.00
38	T	Carbon Tetrachloride	50.000	49.538	0.9	98	0.00
39	T	Methylcyclohexane	50.000	49.175	1.7	97	0.00
40	TM	Benzene	50.000	48.290	3.4	94	0.00
41	T	Methacrylonitrile	50.000	54.522	-9.0	104	0.00
42	TM	1,2-Dichloroethane	50.000	48.778	2.4	96	0.00
43	T	Isopropyl Acetate	50.000	47.879	4.2	94	0.00
44	TM	Trichloroethene	50.000	49.063	1.9	97	0.00
45	C	1,2-Dichloropropane	50.000	48.276	3.4#	95	0.00
46	T	Dibromomethane	50.000	50.305	-0.6	97	0.00
47	T	Bromodichloromethane	50.000	49.711	0.6	97	0.00
48	T	Methyl methacrylate	50.000	49.430	1.1	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	981.194	1.9	95	0.00
50	S	Toluene-d8	50.000	47.066	5.9	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.732	2.9	95	0.00
52	CM	Toluene	50.000	48.693	2.6#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	49.073	1.9	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.393	3.2	95	0.00
55	T	1,1,2-Trichloroethane	50.000	48.806	2.4	95	0.00
56	T	Ethyl methacrylate	50.000	48.975	2.0	96	0.00
57	T	1,3-Dichloropropane	50.000	49.128	1.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.267	-0.1	95	0.00
59	T	2-Hexanone	250.000	240.064	4.0	93	0.00
60	T	Dibromochloromethane	50.000	49.076	1.8	96	0.00
61	T	1,2-Dibromoethane	50.000	49.200	1.6	95	0.00
62	S	4-Bromofluorobenzene	50.000	46.750	6.5	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	50.935	-1.9	99	0.00
65	PM	Chlorobenzene	50.000	49.755	0.5	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.561	-1.1	97	0.00
67	C	Ethyl Benzene	50.000	50.138	-0.3#	96	0.00
68	T	m/p-Xylenes	100.000	99.912	0.1	95	0.00
69	T	o-Xylene	50.000	49.696	0.6	95	0.00
70	T	Styrene	50.000	50.335	-0.7	95	0.00
71	P	Bromoform	50.000	50.872	-1.7	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	49.518	1.0	97	0.00
74	T	N-amyl acetate	50.000	47.087	5.8	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.283	-0.6	99	0.00
76	T	1,2,3-Trichloropropane	50.000	47.141	5.7	93	0.00
77	T	Bromobenzene	50.000	49.559	0.9	97	0.00
78	T	n-propylbenzene	50.000	49.586	0.8	97	0.00
79	T	2-Chlorotoluene	50.000	48.709	2.6	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.601	0.8	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.395	5.2	94	0.00
82	T	4-Chlorotoluene	50.000	48.541	2.9	95	0.00
83	T	tert-Butylbenzene	50.000	50.214	-0.4	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.155	1.7	97	0.00
85	T	sec-Butylbenzene	50.000	50.167	-0.3	99	0.00
86	T	p-Isopropyltoluene	50.000	49.925	0.2	99	0.00
87	T	1,3-Dichlorobenzene	50.000	49.847	0.3	97	0.00
88	T	1,4-Dichlorobenzene	50.000	49.131	1.7	97	0.00
89	T	n-Butylbenzene	50.000	50.495	-1.0	99	0.00
90	T	Hexachloroethane	50.000	49.720	0.6	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.893	2.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.776	2.4	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.691	-1.4	101	0.00
94	T	Hexachlorobutadiene	50.000	53.067	-6.1	108	0.00
95	T	Naphthalene	50.000	50.219	-0.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.873	-3.7	103	0.00

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