Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
Data File : VD080297.D
Acq On : 06 May 2025 16:43
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

Quant Time: May 07 03:40:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:36:54 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	42.412	15.2	90	0.00
3	P	Chloromethane	50.000	48.244	3.5	95	0.00
4	C	Vinyl Chloride	50.000	40.558	18.9#	91	0.00
5	T	Bromomethane	50.000	41.260	17.5	97	-0.01
6	T	Chloroethane	50.000	42.793	14.4	93	0.00
7	T	Trichlorofluoromethane	50.000	41.757	16.5	90	0.00
8	T	Diethyl Ether	50.000	46.590	6.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.891	20.2	86	-0.01
10	T	Methyl Iodide	50.000	48.458	3.1	94	0.00
11	T	Tert butyl alcohol	250.000	230.766	7.7	97	0.01
12	CM	1,1-Dichloroethene	50.000	41.756	16.5#	90	0.00
13	T	Acrolein	250.000	253.759	-1.5	103	0.00
14	T	Allyl chloride	50.000	46.816	6.4	97	0.00
15	T	Acrylonitrile	250.000	236.284	5.5	99	0.00
16	T	Acetone	250.000	258.617	-3.4	97	0.00
17	T	Carbon Disulfide	50.000	42.347	15.3	93	0.00
18	T	Methyl Acetate	50.000	46.179	7.6	102	0.00
19	T	Methyl tert-butyl Ether	50.000	50.341	-0.7	99	0.00
20	T	Methylene Chloride	50.000	49.945	0.1	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.114	7.8	95	0.00
22	T	Diisopropyl ether	50.000	50.015	-0.0	96	0.00
23	T	Vinyl Acetate	250.000	251.975	-0.8	95	0.00
24	P	1,1-Dichloroethane	50.000	46.215	7.6	95	0.00
25	T	2-Butanone	250.000	235.833	5.7	93	0.00
26	T	2,2-Dichloropropane	50.000	44.414	11.2	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.740	2.5	99	0.00
28	T	Bromochloromethane	50.000	48.599	2.8	96	0.00
29	T	Tetrahydrofuran	250.000	246.746	1.3	95	0.00
30	C	Chloroform	50.000	47.555	4.9#	97	0.00
31	T	Cyclohexane	50.000	41.967	16.1	88	0.00
32	T	1,1,1-Trichloroethane	50.000	46.513	7.0	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.165	-4.3	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	52.589	-5.2	102	0.00
36	T	1,1-Dichloropropene	50.000	45.987	8.0	94	0.00
37	T	Ethyl Acetate	50.000	45.264	9.5	94	0.00
38	T	Carbon Tetrachloride	50.000	43.572	12.9	90	0.00
39	T	Methylcyclohexane	50.000	42.956	14.1	89	0.00
40	TM	Benzene	50.000	46.567	6.9	97	0.00
41	T	Methacrylonitrile	50.000	50.772	-1.5	110	0.00
42	TM	1,2-Dichloroethane	50.000	46.402	7.2	97	0.00
43	T	Isopropyl Acetate	50.000	47.388	5.2	95	0.00
44	TM	Trichloroethene	50.000	45.738	8.5	97	0.00
45	C	1,2-Dichloropropane	50.000	47.814	4.4#	97	0.00
46	T	Dibromomethane	50.000	48.605	2.8	99	0.00
47	T	Bromodichloromethane	50.000	47.399	5.2	97	0.00
48	T	Methyl methacrylate	50.000	49.035	1.9	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1017.706	-1.8	101	0.00
50	S	Toluene-d8	50.000	51.808	-3.6	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.309	-1.3	97	0.00
52	CM	Toluene	50.000	48.083	3.8#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	47.662	4.7	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.491	5.0	94	0.00
55	T	1,1,2-Trichloroethane	50.000	46.116	7.8	91	0.00
56	T	Ethyl methacrylate	50.000	49.734	0.5	93	0.00
57	T	1,3-Dichloropropane	50.000	48.588	2.8	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.016	-12.8	101	0.00
59	T	2-Hexanone	250.000	252.611	-1.0	97	0.00
60	T	Dibromochloromethane	50.000	48.844	2.3	97	0.00
61	T	1,2-Dibromoethane	50.000	46.857	6.3	97	0.00
62	S	4-Bromofluorobenzene	50.000	52.232	-4.5	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	44.389	11.2	96	0.00
65	PM	Chlorobenzene	50.000	45.411	9.2	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.976	8.0	94	0.00
67	C	Ethyl Benzene	50.000	46.906	6.2#	96	0.00
68	T	m/p-Xylenes	100.000	94.775	5.2	94	0.00
69	T	o-Xylene	50.000	48.445	3.1	98	0.00
70	T	Styrene	50.000	48.751	2.5	97	0.00
71	P	Bromoform	50.000	45.753	8.5	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	45.895	8.2	93	0.00
74	T	N-amyl acetate	50.000	47.118	5.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.895	10.2	98	0.00
76	T	1,2,3-Trichloropropane	50.000	49.595	0.8	98	0.00
77	T	Bromobenzene	50.000	45.673	8.7	94	0.00
78	T	n-propylbenzene	50.000	46.696	6.6	93	0.00
79	T	2-Chlorotoluene	50.000	46.853	6.3	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.634	4.7	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.939	8.1	94	0.00
82	T	4-Chlorotoluene	50.000	46.524	7.0	97	0.00
83	T	tert-Butylbenzene	50.000	46.656	6.7	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.365	3.3	95	0.00
85	T	sec-Butylbenzene	50.000	46.620	6.8	93	0.00
86	T	p-Isopropyltoluene	50.000	47.567	4.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	45.824	8.4	96	0.00
88	T	1,4-Dichlorobenzene	50.000	44.632	10.7	95	0.00
89	T	n-Butylbenzene	50.000	45.601	8.8	91	0.00
90	T	Hexachloroethane	50.000	45.361	9.3	95	0.00
91	T	1,2-Dichlorobenzene	50.000	46.163	7.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.117	7.8	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.656	8.7	95	0.00
94	T	Hexachlorobutadiene	50.000	42.374	15.3	89	0.00
95	T	Naphthalene	50.000	46.464	7.1	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.572	8.9	94	0.00

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