Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
Data File : VY022428.D
Acq On : 27 May 2025 11:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

Quant Time: May 28 10:39:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	42.867	14.3	97	0.00
3	P	Chloromethane	50.000	57.762	-15.5	114	0.00
4	C	Vinyl Chloride	50.000	52.322	-4.6#	103	0.00
5	T	Bromomethane	50.000	57.634	-15.3	118	0.00
6	T	Chloroethane	50.000	57.677	-15.4	107	0.00
7	T	Trichlorofluoromethane	50.000	55.933	-11.9	113	0.00
8	T	Diethyl Ether	50.000	52.801	-5.6	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.001	6.0	96	0.00
10	T	Methyl Iodide	50.000	48.805	2.4	91	0.00
11	T	Tert butyl alcohol	250.000	286.443	-14.6	121	0.00
12	CM	1,1-Dichloroethene	50.000	48.624	2.8#	101	0.00
13	T	Acrolein	250.000	266.723	-6.7	106	0.00
14	T	Allyl chloride	50.000	51.736	-3.5	105	0.00
15	T	Acrylonitrile	250.000	277.887	-11.2	112	0.00
16	T	Acetone	250.000	290.164	-16.1	119	0.00
17	T	Carbon Disulfide	50.000	49.820	0.4	102	0.00
18	T	Methyl Acetate	50.000	59.833	-19.7	127	-0.01
19	T	Methyl tert-butyl Ether	50.000	53.423	-6.8	108	0.00
20	T	Methylene Chloride	50.000	47.566	4.9	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.401	-2.8	106	0.00
22	T	Diisopropyl ether	50.000	51.423	-2.8	104	0.00
23	T	Vinyl Acetate	250.000	262.697	-5.1	105	0.00
24	P	1,1-Dichloroethane	50.000	51.958	-3.9	105	0.00
25	T	2-Butanone	250.000	285.123	-14.0	117	-0.01
26	T	2,2-Dichloropropane	50.000	50.556	-1.1	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.208	-2.4	105	0.00
28	T	Bromochloromethane	50.000	52.427	-4.9	103	0.00
29	T	Tetrahydrofuran	250.000	280.691	-12.3	114	0.00
30	C	Chloroform	50.000	51.416	-2.8#	102	0.00
31	T	Cyclohexane	50.000	44.566	10.9	97	0.00
32	T	1,1,1-Trichloroethane	50.000	50.290	-0.6	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.905	-1.8	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	50.924	-1.8	104	0.00
36	T	1,1-Dichloropropene	50.000	50.295	-0.6	102	0.00
37	T	Ethyl Acetate	50.000	54.775	-9.5	109	0.00
38	T	Carbon Tetrachloride	50.000	49.782	0.4	101	0.00
39	T	Methylcyclohexane	50.000	48.189	3.6	98	0.00
40	TM	Benzene	50.000	51.876	-3.8	104	0.00
41	T	Methacrylonitrile	50.000	48.279	3.4	100	-0.03
42	TM	1,2-Dichloroethane	50.000	52.242	-4.5	104	0.00
43	T	Isopropyl Acetate	50.000	54.305	-8.6	108	0.00
44	TM	Trichloroethene	50.000	52.041	-4.1	105	0.00
45	C	1,2-Dichloropropane	50.000	50.975	-2.0#	103	0.00
46	T	Dibromomethane	50.000	52.586	-5.2	106	0.00
47	T	Bromodichloromethane	50.000	51.745	-3.5	105	0.00
48	T	Methyl methacrylate	50.000	56.276	-12.6	114	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1051.366	-5.1	107	0.00
50	S	Toluene-d8	50.000	50.886	-1.8	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	287.032	-14.8	113	0.00
52	CM	Toluene	50.000	52.832	-5.7#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	54.094	-8.2	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.618	-5.2	107	0.00
55	T	1,1,2-Trichloroethane	50.000	53.168	-6.3	107	0.00
56	T	Ethyl methacrylate	50.000	55.994	-12.0	109	0.00
57	T	1,3-Dichloropropane	50.000	52.634	-5.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.493	-3.8	103	0.00
59	T	2-Hexanone	250.000	292.964	-17.2	114	0.00
60	T	Dibromochloromethane	50.000	53.666	-7.3	105	0.00
61	T	1,2-Dibromoethane	50.000	54.130	-8.3	107	0.00
62	S	4-Bromofluorobenzene	50.000	50.731	-1.5	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.564	2.9	100	0.00
65	PM	Chlorobenzene	50.000	51.703	-3.4	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.219	-2.4	104	0.00
67	C	Ethyl Benzene	50.000	50.971	-1.9#	105	0.00
68	T	m/p-Xylenes	100.000	102.513	-2.5	105	0.00
69	T	o-Xylene	50.000	51.205	-2.4	105	0.00
70	T	Styrene	50.000	52.397	-4.8	106	0.00
71	P	Bromoform	50.000	52.420	-4.8	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	50.060	-0.1	106	0.00
74	T	N-amyl acetate	50.000	53.559	-7.1	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.303	-6.6	112	0.00
76	T	1,2,3-Trichloropropane	50.000	52.582	-5.2	111	0.00
77	T	Bromobenzene	50.000	50.481	-1.0	104	0.00
78	T	n-propylbenzene	50.000	50.973	-1.9	106	0.00
79	T	2-Chlorotoluene	50.000	50.314	-0.6	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.376	-2.8	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.064	-2.1	109	0.00
82	T	4-Chlorotoluene	50.000	50.944	-1.9	106	0.00
83	T	tert-Butylbenzene	50.000	51.321	-2.6	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.325	-2.7	106	0.00
85	T	sec-Butylbenzene	50.000	51.763	-3.5	107	0.00
86	T	p-Isopropyltoluene	50.000	52.334	-4.7	108	0.00
87	T	1,3-Dichlorobenzene	50.000	51.396	-2.8	107	0.00
88	T	1,4-Dichlorobenzene	50.000	51.622	-3.2	106	0.00
89	T	n-Butylbenzene	50.000	52.600	-5.2	106	0.00
90	T	Hexachloroethane	50.000	51.881	-3.8	107	0.00
91	T	1,2-Dichlorobenzene	50.000	50.701	-1.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.462	-4.9	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.407	-4.8	104	0.00
94	T	Hexachlorobutadiene	50.000	52.335	-4.7	106	0.00
95	T	Naphthalene	50.000	54.826	-9.7	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.900	-7.8	106	0.00

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