Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
Data File : VY023212.D
Acq On : 25 Aug 2025 16:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 23:51:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	38.824	22.4	75	0.00
3	P	Chloromethane	50.000	44.329	11.3	79	0.00
4	C	Vinyl Chloride	50.000	46.684	6.6#	81	0.00
5	T	Bromomethane	50.000	48.456	3.1	90	0.00
6	T	Chloroethane	50.000	50.609	-1.2	87	0.00
7	T	Trichlorofluoromethane	50.000	46.495	7.0	81	0.00
8	T	Diethyl Ether	50.000	45.404	9.2	78	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.541	6.9	81	0.01
10	T	Methyl Iodide	50.000	56.677	-13.4	89	0.01
11	T	Tert butyl alcohol	250.000	185.518	25.8#	62	0.00
12	CM	1,1-Dichloroethene	50.000	47.886	4.2#	82	0.00
13	T	Acrolein	250.000	45.406	81.8#	16	0.00
14	T	Allyl chloride	50.000	45.708	8.6	77	0.00
15	T	Acrylonitrile	250.000	221.356	11.5	73	0.01
16	T	Acetone	250.000	201.244	19.5	66	0.00
17	T	Carbon Disulfide	50.000	46.116	7.8	80	0.00
18	T	Methyl Acetate	50.000	44.083	11.8	69	0.00
19	T	Methyl tert-butyl Ether	50.000	45.311	9.4	75	0.01
20	T	Methylene Chloride	50.000	52.983	-6.0	91	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.420	-0.8	85	0.01
22	T	Diisopropyl ether	50.000	47.890	4.2	80	0.00
23	T	Vinyl Acetate	250.000	221.063	11.6	73	0.01
24	P	1,1-Dichloroethane	50.000	50.434	-0.9	85	0.00
25	T	2-Butanone	250.000	201.856	19.3	65	0.01
26	T	2,2-Dichloropropane	50.000	49.884	0.2	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.646	-3.3	87	0.00
28	T	Bromochloromethane	50.000	45.969	8.1	77	0.00
29	T	Tetrahydrofuran	250.000	203.501	18.6	67	0.00
30	C	Chloroform	50.000	51.565	-3.1#	87	0.00
31	T	Cyclohexane	50.000	41.812	16.4	74	0.00
32	T	1,1,1-Trichloroethane	50.000	50.375	-0.8	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.953	4.1	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	51.661	-3.3	85	0.01
36	T	1,1-Dichloropropene	50.000	49.992	0.0	83	0.00
37	T	Ethyl Acetate	50.000	43.238	13.5	69	0.00
38	T	Carbon Tetrachloride	50.000	50.724	-1.4	85	0.00
39	T	Methylcyclohexane	50.000	46.542	6.9	78	0.00
40	TM	Benzene	50.000	52.228	-4.5	86	0.00
41	T	Methacrylonitrile	50.000	38.811	22.4	61	0.00
42	TM	1,2-Dichloroethane	50.000	48.532	2.9	80	0.00
43	T	Isopropyl Acetate	50.000	42.578	14.8	69	0.00
44	TM	Trichloroethene	50.000	53.380	-6.8	89	0.00
45	C	1,2-Dichloropropane	50.000	51.002	-2.0#	84	0.00
46	T	Dibromomethane	50.000	50.314	-0.6	82	0.00
47	T	Bromodichloromethane	50.000	51.511	-3.0	84	0.00
48	T	Methyl methacrylate	50.000	42.914	14.2	66	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	896.218	10.4	72	0.00
50	S	Toluene-d8	50.000	52.474	-4.9	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.297	13.1	68	0.00
52	CM	Toluene	50.000	52.908	-5.8#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	49.020	2.0	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.303	-0.6	81	0.00
55	T	1,1,2-Trichloroethane	50.000	51.166	-2.3	84	0.00
56	T	Ethyl methacrylate	50.000	46.847	6.3	73	0.00
57	T	1,3-Dichloropropane	50.000	49.441	1.1	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	229.935	8.0	70	0.00
59	T	2-Hexanone	250.000	214.010	14.4	67	0.00
60	T	Dibromochloromethane	50.000	51.680	-3.4	84	0.00
61	T	1,2-Dibromoethane	50.000	50.695	-1.4	82	0.00
62	S	4-Bromofluorobenzene	50.000	52.528	-5.1	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	56.317	-12.6	95	0.00
65	PM	Chlorobenzene	50.000	51.892	-3.8	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.781	-5.6	87	0.00
67	C	Ethyl Benzene	50.000	52.018	-4.0#	85	0.00
68	T	m/p-Xylenes	100.000	106.167	-6.2	88	0.00
69	T	o-Xylene	50.000	52.936	-5.9	86	0.00
70	T	Styrene	50.000	54.312	-8.6	88	0.00
71	P	Bromoform	50.000	49.820	0.4	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	49.809	0.4	86	0.00
74	T	N-amyl acetate	50.000	39.810	20.4	67	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.224	15.6	75	0.00
76	T	1,2,3-Trichloropropane	50.000	38.336	23.3	60	0.00
77	T	Bromobenzene	50.000	49.731	0.5	87	0.00
78	T	n-propylbenzene	50.000	49.988	0.0	86	0.00
79	T	2-Chlorotoluene	50.000	49.581	0.8	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.771	-1.5	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.426	17.1	72	0.00
82	T	4-Chlorotoluene	50.000	48.634	2.7	85	0.00
83	T	tert-Butylbenzene	50.000	51.153	-2.3	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.936	-1.9	88	0.00
85	T	sec-Butylbenzene	50.000	50.316	-0.6	87	0.00
86	T	p-Isopropyltoluene	50.000	52.145	-4.3	89	0.00
87	T	1,3-Dichlorobenzene	50.000	50.626	-1.3	90	0.00
88	T	1,4-Dichlorobenzene	50.000	49.939	0.1	89	0.00
89	T	n-Butylbenzene	50.000	50.300	-0.6	86	0.00
90	T	Hexachloroethane	50.000	52.065	-4.1	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.244	1.5	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.565	18.9	69	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.818	4.4	84	0.00
94	T	Hexachlorobutadiene	50.000	49.825	0.3	88	0.00
95	T	Naphthalene	50.000	43.965	12.1	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.967	6.1	83	0.00

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