Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022728.D
Acq On : 18 Jun 2025 09:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 03:56:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	65	0.00
2	T	Dichlorodifluoromethane	50.000	44.198	11.6	62	0.00
3	P	Chloromethane	50.000	44.191	11.6	61	0.00
4	C	Vinyl Chloride	50.000	53.633	-7.3#	71	0.00
5	T	Bromomethane	50.000	45.456	9.1	70	0.00
6	T	Chloroethane	50.000	57.313	-14.6	81	0.00
7	T	Trichlorofluoromethane	50.000	55.104	-10.2	76	0.00
8	T	Diethyl Ether	50.000	50.889	-1.8	66	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.963	-5.9	70	0.00
10	T	Methyl Iodide	50.000	52.420	-4.8	63	0.00
11	T	Tert butyl alcohol	250.000	242.121	3.2	64	0.00
12	CM	1,1-Dichloroethene	50.000	52.710	-5.4#	69	0.00
13	T	Acrolein	250.000	73.480	70.6#	20	0.00
14	T	Allyl chloride	50.000	49.456	1.1	65	0.00
15	T	Acrylonitrile	250.000	268.206	-7.3	69	0.00
16	T	Acetone	250.000	250.383	-0.2	64	0.00
17	T	Carbon Disulfide	50.000	48.275	3.5	63	0.00
18	T	Methyl Acetate	50.000	53.167	-6.3	70	0.00
19	T	Methyl tert-butyl Ether	50.000	51.834	-3.7	67	0.00
20	T	Methylene Chloride	50.000	50.442	-0.9	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.694	-5.4	70	0.00
22	T	Diisopropyl ether	50.000	53.058	-6.1	69	0.00
23	T	Vinyl Acetate	250.000	256.384	-2.6	66	0.00
24	P	1,1-Dichloroethane	50.000	55.307	-10.6	73	0.00
25	T	2-Butanone	250.000	260.063	-4.0	66	0.00
26	T	2,2-Dichloropropane	50.000	53.515	-7.0	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.609	-7.2	69	0.00
28	T	Bromochloromethane	50.000	55.110	-10.2	74	0.00
29	T	Tetrahydrofuran	250.000	259.183	-3.7	68	0.00
30	C	Chloroform	50.000	56.040	-12.1#	73	0.00
31	T	Cyclohexane	50.000	46.716	6.6	64	0.00
32	T	1,1,1-Trichloroethane	50.000	54.964	-9.9	71	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.735	-7.5	66	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35	S	Dibromofluoromethane	50.000	55.415	-10.8	67	0.00
36	T	1,1-Dichloropropene	50.000	53.726	-7.5	69	0.00
37	T	Ethyl Acetate	50.000	54.877	-9.8	67	0.00
38	T	Carbon Tetrachloride	50.000	55.572	-11.1	70	0.00
39	T	Methylcyclohexane	50.000	50.993	-2.0	65	0.00
40	TM	Benzene	50.000	55.207	-10.4	71	0.00
41	T	Methacrylonitrile	50.000	52.642	-5.3	69	0.00
42	TM	1,2-Dichloroethane	50.000	55.245	-10.5	71	0.00
43	T	Isopropyl Acetate	50.000	51.581	-3.2	65	0.00
44	TM	Trichloroethene	50.000	55.278	-10.6	70	0.00
45	C	1,2-Dichloropropane	50.000	56.870	-13.7#	72	0.00
46	T	Dibromomethane	50.000	55.775	-11.5	71	0.00
47	T	Bromodichloromethane	50.000	57.621	-15.2	73	0.00
48	T	Methyl methacrylate	50.000	49.703	0.6	63	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1061.062	-6.1	71	-0.01
50	S	Toluene-d8	50.000	54.145	-8.3	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.860	-8.7	67	0.00
52	CM	Toluene	50.000	55.277	-10.6#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	54.008	-8.0	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.052	-10.1	70	0.00
55	T	1,1,2-Trichloroethane	50.000	56.094	-12.2	73	0.00
56	T	Ethyl methacrylate	50.000	53.617	-7.2	67	0.00
57	T	1,3-Dichloropropane	50.000	56.039	-12.1	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.550	-16.6	75	0.00
59	T	2-Hexanone	250.000	267.790	-7.1	67	0.00
60	T	Dibromochloromethane	50.000	56.223	-12.4	71	0.00
61	T	1,2-Dibromoethane	50.000	55.384	-10.8	71	0.00
62	S	4-Bromofluorobenzene	50.000	52.856	-5.7	66	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	65	0.00
64	T	Tetrachloroethene	50.000	62.972	-25.9#	81	0.00
65	PM	Chlorobenzene	50.000	55.109	-10.2	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.339	-12.7	72	0.00
67	C	Ethyl Benzene	50.000	55.240	-10.5#	71	0.00
68	T	m/p-Xylenes	100.000	110.691	-10.7	71	0.00
69	T	o-Xylene	50.000	55.006	-10.0	71	0.00
70	T	Styrene	50.000	55.798	-11.6	71	0.00
71	P	Bromoform	50.000	55.713	-11.4	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73	T	Isopropylbenzene	50.000	53.997	-8.0	70	0.00
74	T	N-amyl acetate	50.000	51.565	-3.1	65	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.113	-2.2	66	0.00
76	T	1,2,3-Trichloropropane	50.000	49.428	1.1	59	0.00
77	T	Bromobenzene	50.000	54.400	-8.8	71	0.00
78	T	n-propylbenzene	50.000	54.692	-9.4	71	0.00
79	T	2-Chlorotoluene	50.000	53.425	-6.8	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.628	-9.3	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.170	-2.3	68	0.00
82	T	4-Chlorotoluene	50.000	53.793	-7.6	70	0.00
83	T	tert-Butylbenzene	50.000	54.069	-8.1	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.681	-7.4	71	0.00
85	T	sec-Butylbenzene	50.000	54.770	-9.5	71	0.00
86	T	p-Isopropyltoluene	50.000	55.494	-11.0	73	0.00
87	T	1,3-Dichlorobenzene	50.000	55.114	-10.2	73	0.00
88	T	1,4-Dichlorobenzene	50.000	54.242	-8.5	71	0.00
89	T	n-Butylbenzene	50.000	55.499	-11.0	71	0.00
90	T	Hexachloroethane	50.000	54.148	-8.3	71	0.00
91	T	1,2-Dichlorobenzene	50.000	55.824	-11.6	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.316	-14.6	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.511	-7.0	70	0.00
94	T	Hexachlorobutadiene	50.000	53.849	-7.7	71	0.00
95	T	Naphthalene	50.000	52.227	-4.5	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.183	-6.4	70	0.00

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