Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
Data File : VY023037.D
Acq On : 21 Jul 2025 19:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 04:56:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	40.979	18.0	69	0.00
3	P	Chloromethane	50.000	51.179	-2.4	87	0.00
4	C	Vinyl Chloride	50.000	51.189	-2.4#	83	0.00
5	T	Bromomethane	50.000	53.371	-6.7	92	0.00
6	T	Chloroethane	50.000	54.083	-8.2	86	0.00
7	T	Trichlorofluoromethane	50.000	46.144	7.7	73	0.00
8	T	Diethyl Ether	50.000	47.921	4.2	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.347	11.3	71	0.00
10	T	Methyl Iodide	50.000	49.718	0.6	74	0.00
11	T	Tert butyl alcohol	250.000	266.251	-6.5	81	0.00
12	CM	1,1-Dichloroethene	50.000	44.904	10.2#	73	0.00
13	T	Acrolein	250.000	113.632	54.5#	65	0.00
14	T	Allyl chloride	50.000	47.094	5.8	75	0.00
15	T	Acrylonitrile	250.000	272.310	-8.9	85	0.00
16	T	Acetone	250.000	227.117	9.2	78	0.00
17	T	Carbon Disulfide	50.000	45.378	9.2	74	0.00
18	T	Methyl Acetate	50.000	67.737	-35.5#	95	0.00
19	T	Methyl tert-butyl Ether	50.000	52.263	-4.5	81	0.00
20	T	Methylene Chloride	50.000	52.461	-4.9	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.486	5.0	77	0.00
22	T	Diisopropyl ether	50.000	51.489	-3.0	81	0.00
23	T	Vinyl Acetate	250.000	251.092	-0.4	78	0.00
24	P	1,1-Dichloroethane	50.000	49.557	0.9	79	0.00
25	T	2-Butanone	250.000	259.880	-4.0	81	0.00
26	T	2,2-Dichloropropane	50.000	43.384	13.2	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.131	1.7	77	0.00
28	T	Bromochloromethane	50.000	53.625	-7.2	82	0.00
29	T	Tetrahydrofuran	250.000	275.629	-10.3	82	0.00
30	C	Chloroform	50.000	51.090	-2.2#	82	0.00
31	T	Cyclohexane	50.000	43.302	13.4	72	0.00
32	T	1,1,1-Trichloroethane	50.000	47.946	4.1	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.308	-8.6	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	48.883	2.2	79	0.00
36	T	1,1-Dichloropropene	50.000	46.015	8.0	75	0.00
37	T	Ethyl Acetate	50.000	49.061	1.9	80	0.00
38	T	Carbon Tetrachloride	50.000	45.558	8.9	75	0.00
39	T	Methylcyclohexane	50.000	44.125	11.8	72	0.00
40	TM	Benzene	50.000	48.766	2.5	80	0.00
41	T	Methacrylonitrile	50.000	53.684	-7.4	84	0.00
42	TM	1,2-Dichloroethane	50.000	52.184	-4.4	84	0.00
43	T	Isopropyl Acetate	50.000	51.904	-3.8	81	0.00
44	TM	Trichloroethene	50.000	45.298	9.4	74	0.00
45	C	1,2-Dichloropropane	50.000	49.079	1.8#	81	0.00
46	T	Dibromomethane	50.000	51.242	-2.5	83	0.00
47	T	Bromodichloromethane	50.000	50.179	-0.4	82	0.00
48	T	Methyl methacrylate	50.000	55.511	-11.0	85	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1093.044	-9.3	85	0.00
50	S	Toluene-d8	50.000	49.009	2.0	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.629	-9.9	83	0.00
52	CM	Toluene	50.000	48.565	2.9#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	49.912	0.2	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.731	0.5	81	0.00
55	T	1,1,2-Trichloroethane	50.000	51.144	-2.3	83	0.00
56	T	Ethyl methacrylate	50.000	53.131	-6.3	81	0.00
57	T	1,3-Dichloropropane	50.000	52.107	-4.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.893	-10.8	79	0.00
59	T	2-Hexanone	250.000	275.436	-10.2	82	0.00
60	T	Dibromochloromethane	50.000	51.572	-3.1	82	0.00
61	T	1,2-Dibromoethane	50.000	51.963	-3.9	83	0.00
62	S	4-Bromofluorobenzene	50.000	49.795	0.4	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	42.158	15.7	68	0.00
65	PM	Chlorobenzene	50.000	46.874	6.3	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.714	4.6	82	0.00
67	C	Ethyl Benzene	50.000	47.175	5.7#	79	0.00
68	T	m/p-Xylenes	100.000	94.459	5.5	79	0.00
69	T	o-Xylene	50.000	47.923	4.2	80	0.00
70	T	Styrene	50.000	49.878	0.2	82	0.00
71	P	Bromoform	50.000	49.216	1.6	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	43.555	12.9	78	0.00
74	T	N-amyl acetate	50.000	46.366	7.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.344	1.3	93	0.00
76	T	1,2,3-Trichloropropane	50.000	38.703	22.6	70	0.00
77	T	Bromobenzene	50.000	45.064	9.9	82	0.00
78	T	n-propylbenzene	50.000	44.738	10.5	80	0.00
79	T	2-Chlorotoluene	50.000	44.254	11.5	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.137	9.7	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.976	12.0	79	0.00
82	T	4-Chlorotoluene	50.000	45.832	8.3	83	0.00
83	T	tert-Butylbenzene	50.000	44.206	11.6	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.996	8.0	82	0.00
85	T	sec-Butylbenzene	50.000	44.401	11.2	80	0.00
86	T	p-Isopropyltoluene	50.000	44.848	10.3	80	0.00
87	T	1,3-Dichlorobenzene	50.000	44.606	10.8	81	0.00
88	T	1,4-Dichlorobenzene	50.000	44.810	10.4	82	0.00
89	T	n-Butylbenzene	50.000	45.418	9.2	81	0.00
90	T	Hexachloroethane	50.000	44.294	11.4	81	0.00
91	T	1,2-Dichlorobenzene	50.000	46.055	7.9	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.619	-3.2	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.546	8.9	81	0.00
94	T	Hexachlorobutadiene	50.000	42.457	15.1	80	0.00
95	T	Naphthalene	50.000	50.411	-0.8	83	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.643	6.7	81	0.00

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