Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021680.D
Acq On : 27 Mar 2025 20:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 28 04:06:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	49.403	1.2	85	0.00
3	P	Chloromethane	50.000	51.647	-3.3	91	0.00
4	C	Vinyl Chloride	50.000	50.488	-1.0#	87	0.00
5	T	Bromomethane	50.000	51.647	-3.3	95	0.00
6	T	Chloroethane	50.000	51.608	-3.2	91	0.00
7	T	Trichlorofluoromethane	50.000	50.078	-0.2	87	0.00
8	T	Diethyl Ether	50.000	52.866	-5.7	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.070	-2.1	89	0.00
10	T	Methyl Iodide	50.000	55.558	-11.1	87	0.00
11	T	Tert butyl alcohol	250.000	270.388	-8.2	94	0.00
12	CM	1,1-Dichloroethene	50.000	51.544	-3.1#	88	0.00
13	T	Acrolein	250.000	278.909	-11.6	95	0.00
14	T	Allyl chloride	50.000	53.525	-7.0	90	0.00
15	T	Acrylonitrile	250.000	288.033	-15.2	96	0.00
16	T	Acetone	250.000	235.798	5.7	82	0.00
17	T	Carbon Disulfide	50.000	52.898	-5.8	90	0.00
18	T	Methyl Acetate	50.000	57.032	-14.1	99	0.00
19	T	Methyl tert-butyl Ether	50.000	56.848	-13.7	94	0.00
20	T	Methylene Chloride	50.000	60.417	-20.8	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.670	-7.3	92	0.00
22	T	Diisopropyl ether	50.000	58.083	-16.2	95	0.00
23	T	Vinyl Acetate	250.000	292.708	-17.1	94	0.00
24	P	1,1-Dichloroethane	50.000	54.727	-9.5	92	0.00
25	T	2-Butanone	250.000	273.185	-9.3	91	0.00
26	T	2,2-Dichloropropane	50.000	47.652	4.7	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.605	-11.2	93	0.00
28	T	Bromochloromethane	50.000	59.214	-18.4	103	0.00
29	T	Tetrahydrofuran	250.000	298.480	-19.4	97	0.00
30	C	Chloroform	50.000	55.066	-10.1#	93	0.00
31	T	Cyclohexane	50.000	50.617	-1.2	88	0.00
32	T	1,1,1-Trichloroethane	50.000	52.964	-5.9	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.215	-14.4	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	56.069	-12.1	93	0.00
36	T	1,1-Dichloropropene	50.000	52.117	-4.2	89	0.00
37	T	Ethyl Acetate	50.000	56.247	-12.5	97	0.00
38	T	Carbon Tetrachloride	50.000	51.296	-2.6	90	0.00
39	T	Methylcyclohexane	50.000	52.521	-5.0	87	0.00
40	TM	Benzene	50.000	53.764	-7.5	92	0.00
41	T	Methacrylonitrile	50.000	53.235	-6.5	84	-0.01
42	TM	1,2-Dichloroethane	50.000	54.325	-8.7	94	0.00
43	T	Isopropyl Acetate	50.000	55.766	-11.5	95	0.00
44	TM	Trichloroethene	50.000	51.783	-3.6	91	0.00
45	C	1,2-Dichloropropane	50.000	55.067	-10.1#	95	0.00
46	T	Dibromomethane	50.000	55.039	-10.1	97	0.00
47	T	Bromodichloromethane	50.000	54.755	-9.5	95	0.00
48	T	Methyl methacrylate	50.000	57.219	-14.4	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1135.182	-13.5	96	0.00
50	S	Toluene-d8	50.000	55.764	-11.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	295.586	-18.2	98	0.00
52	CM	Toluene	50.000	55.677	-11.4#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	55.034	-10.1	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.973	-7.9	91	0.00
55	T	1,1,2-Trichloroethane	50.000	56.018	-12.0	97	0.00
56	T	Ethyl methacrylate	50.000	60.242	-20.5	95	0.00
57	T	1,3-Dichloropropane	50.000	56.399	-12.8	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	307.681	-23.1	97	0.00
59	T	2-Hexanone	250.000	297.072	-18.8	97	0.00
60	T	Dibromochloromethane	50.000	56.062	-12.1	95	0.00
61	T	1,2-Dibromoethane	50.000	56.677	-13.4	95	0.00
62	S	4-Bromofluorobenzene	50.000	56.988	-14.0	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	49.546	0.9	90	0.00
65	PM	Chlorobenzene	50.000	51.862	-3.7	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.157	-6.3	94	0.00
67	C	Ethyl Benzene	50.000	53.711	-7.4#	92	0.00
68	T	m/p-Xylenes	100.000	107.182	-7.2	92	0.00
69	T	o-Xylene	50.000	53.817	-7.6	91	0.00
70	T	Styrene	50.000	56.492	-13.0	95	0.00
71	P	Bromoform	50.000	54.402	-8.8	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	50.582	-1.2	91	0.00
74	T	N-amyl acetate	50.000	53.441	-6.9	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.842	-1.7	96	0.00
76	T	1,2,3-Trichloropropane	50.000	52.544	-5.1	97	0.00
77	T	Bromobenzene	50.000	51.202	-2.4	95	0.00
78	T	n-propylbenzene	50.000	50.627	-1.3	91	0.00
79	T	2-Chlorotoluene	50.000	50.218	-0.4	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.830	-1.7	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.084	1.8	88	0.00
82	T	4-Chlorotoluene	50.000	50.212	-0.4	91	0.00
83	T	tert-Butylbenzene	50.000	49.983	0.0	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.806	-3.6	92	0.00
85	T	sec-Butylbenzene	50.000	50.038	-0.1	89	0.00
86	T	p-Isopropyltoluene	50.000	50.959	-1.9	90	0.00
87	T	1,3-Dichlorobenzene	50.000	49.917	0.2	93	0.00
88	T	1,4-Dichlorobenzene	50.000	49.095	1.8	91	0.00
89	T	n-Butylbenzene	50.000	49.985	0.0	88	0.00
90	T	Hexachloroethane	50.000	48.352	3.3	91	0.00
91	T	1,2-Dichlorobenzene	50.000	51.074	-2.1	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.022	-4.0	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.819	-1.6	89	0.00
94	T	Hexachlorobutadiene	50.000	48.499	3.0	89	0.00
95	T	Naphthalene	50.000	55.846	-11.7	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.299	-4.6	92	0.00

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