Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
Data File : VY021574.D
Acq On : 20 Mar 2025 11:09
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: Mar 21 01:31:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	43.289	13.4	83	0.00
3	P	Chloromethane	50.000	43.537	12.9	85	0.00
4	C	Vinyl Chloride	50.000	47.933	4.1#	92	0.00
5	T	Bromomethane	50.000	43.962	12.1	90	-0.01
6	T	Chloroethane	50.000	51.430	-2.9	98	0.00
7	T	Trichlorofluoromethane	50.000	53.509	-7.0	102	-0.01
8	T	Diethyl Ether	50.000	48.941	2.1	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.732	4.5	94	-0.02
10	T	Methyl Iodide	50.000	52.025	-4.0	88	-0.01
11	T	Tert butyl alcohol	250.000	297.329	-18.9	100	-0.01
12	CM	1,1-Dichloroethene	50.000	47.614	4.8#	90	-0.01
13	T	Acrolein	250.000	46.199	81.5#	102	-0.01
14	T	Allyl chloride	50.000	47.496	5.0	88	-0.02
15	T	Acrylonitrile	250.000	275.906	-10.4	96	-0.01
16	T	Acetone	250.000	221.929	11.2	71	0.00
17	T	Carbon Disulfide	50.000	43.155	13.7	80	-0.01
18	T	Methyl Acetate	50.000	71.092	-42.2#	120	0.00
19	T	Methyl tert-butyl Ether	50.000	51.851	-3.7	92	-0.01
20	T	Methylene Chloride	50.000	45.568	8.9	94	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.683	4.6	91	-0.02
22	T	Diisopropyl ether	50.000	48.836	2.3	88	0.00
23	T	Vinyl Acetate	250.000	249.707	0.1	86	-0.01
24	P	1,1-Dichloroethane	50.000	48.527	2.9	91	-0.02
25	T	2-Butanone	250.000	258.596	-3.4	85	-0.01
26	T	2,2-Dichloropropane	50.000	46.732	6.5	91	-0.01
27	T	cis-1,2-Dichloroethene	50.000	48.853	2.3	91	0.00
28	T	Bromochloromethane	50.000	54.959	-9.9	97	0.00
29	T	Tetrahydrofuran	250.000	280.283	-12.1	93	-0.01
30	C	Chloroform	50.000	49.427	1.1#	93	0.00
31	T	Cyclohexane	50.000	43.683	12.6	86	0.00
32	T	1,1,1-Trichloroethane	50.000	48.114	3.8	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.996	-6.0	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	53.774	-7.5	112	0.00
36	T	1,1-Dichloropropene	50.000	47.308	5.4	88	0.00
37	T	Ethyl Acetate	50.000	54.490	-9.0	94	0.00
38	T	Carbon Tetrachloride	50.000	48.816	2.4	92	0.00
39	T	Methylcyclohexane	50.000	47.181	5.6	86	0.00
40	TM	Benzene	50.000	48.455	3.1	89	0.00
41	T	Methacrylonitrile	50.000	55.696	-11.4	99	0.00
42	TM	1,2-Dichloroethane	50.000	50.042	-0.1	91	0.00
43	T	Isopropyl Acetate	50.000	54.274	-8.5	93	0.00
44	TM	Trichloroethene	50.000	49.796	0.4	94	0.00
45	C	1,2-Dichloropropane	50.000	49.858	0.3#	92	0.00
46	T	Dibromomethane	50.000	53.418	-6.8	94	0.00
47	T	Bromodichloromethane	50.000	50.778	-1.6	93	0.00
48	T	Methyl methacrylate	50.000	54.736	-9.5	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1322.530	-32.3#	108	0.00
50	S	Toluene-d8	50.000	51.976	-4.0	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.587	-15.4	94	0.00
52	CM	Toluene	50.000	51.098	-2.2#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	51.604	-3.2	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.525	-1.0	90	0.00
55	T	1,1,2-Trichloroethane	50.000	52.952	-5.9	92	0.00
56	T	Ethyl methacrylate	50.000	57.314	-14.6	94	0.00
57	T	1,3-Dichloropropane	50.000	52.268	-4.5	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.147	-10.5	92	0.00
59	T	2-Hexanone	250.000	290.862	-16.3	90	0.00
60	T	Dibromochloromethane	50.000	52.360	-4.7	94	0.00
61	T	1,2-Dibromoethane	50.000	52.470	-4.9	93	0.00
62	S	4-Bromofluorobenzene	50.000	53.818	-7.6	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	56.739	-13.5	106	0.00
65	PM	Chlorobenzene	50.000	49.292	1.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.504	-1.0	93	0.00
67	C	Ethyl Benzene	50.000	49.491	1.0#	89	0.00
68	T	m/p-Xylenes	100.000	99.997	0.0	89	0.00
69	T	o-Xylene	50.000	51.085	-2.2	91	0.00
70	T	Styrene	50.000	52.633	-5.3	92	0.00
71	P	Bromoform	50.000	54.518	-9.0	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	48.835	2.3	91	0.00
74	T	N-amyl acetate	50.000	52.947	-5.9	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.823	-1.6	93	0.00
76	T	1,2,3-Trichloropropane	50.000	51.980	-4.0	102	0.00
77	T	Bromobenzene	50.000	48.583	2.8	92	0.00
78	T	n-propylbenzene	50.000	48.522	3.0	90	0.00
79	T	2-Chlorotoluene	50.000	48.268	3.5	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.112	1.8	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.345	-0.7	90	0.00
82	T	4-Chlorotoluene	50.000	48.149	3.7	91	0.00
83	T	tert-Butylbenzene	50.000	49.917	0.2	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.508	1.0	92	0.00
85	T	sec-Butylbenzene	50.000	48.966	2.1	91	0.00
86	T	p-Isopropyltoluene	50.000	50.159	-0.3	93	0.00
87	T	1,3-Dichlorobenzene	50.000	48.719	2.6	94	0.00
88	T	1,4-Dichlorobenzene	50.000	47.857	4.3	92	0.00
89	T	n-Butylbenzene	50.000	50.780	-1.6	93	0.00
90	T	Hexachloroethane	50.000	48.556	2.9	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.178	-0.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.016	-6.0	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.539	-7.1	97	0.00
94	T	Hexachlorobutadiene	50.000	52.247	-4.5	97	0.00
95	T	Naphthalene	50.000	56.217	-12.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.195	-10.4	98	0.00

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