Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
Data File : VY020890.D
Acq On : 22 Jan 2025 09:02
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: Jan 23 00:39:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 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	121	0.00
2	T	Dichlorodifluoromethane	50.000	43.167	13.7	106	0.00
3	P	Chloromethane	50.000	54.827	-9.7	135	0.00
4	C	Vinyl Chloride	50.000	60.193	-20.4#	143	0.00
5	T	Bromomethane	50.000	46.829	6.3	118	0.00
6	T	Chloroethane	50.000	59.533	-19.1	142	0.00
7	T	Trichlorofluoromethane	50.000	51.712	-3.4	125	0.00
8	T	Diethyl Ether	50.000	49.685	0.6	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.978	-6.0	128	0.00
10	T	Methyl Iodide	50.000	63.410	-26.8#	144	0.00
11	T	Tert butyl alcohol	250.000	198.047	20.8	97	0.00
12	CM	1,1-Dichloroethene	50.000	51.703	-3.4#	121	0.00
13	T	Acrolein	250.000	239.122	4.4	200	0.00
14	T	Allyl chloride	50.000	53.020	-6.0	127	0.00
15	T	Acrylonitrile	250.000	253.650	-1.5	114	0.00
16	T	Acetone	250.000	242.934	2.8	110	0.00
17	T	Carbon Disulfide	50.000	49.020	2.0	110	0.00
18	T	Methyl Acetate	50.000	54.914	-9.8	120	0.00
19	T	Methyl tert-butyl Ether	50.000	49.381	1.2	115	0.00
20	T	Methylene Chloride	50.000	51.611	-3.2	125	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.321	-0.6	120	0.00
22	T	Diisopropyl ether	50.000	56.978	-14.0	136	0.00
23	T	Vinyl Acetate	250.000	269.792	-7.9	123	0.00
24	P	1,1-Dichloroethane	50.000	52.904	-5.8	129	0.00
25	T	2-Butanone	250.000	254.606	-1.8	113	0.00
26	T	2,2-Dichloropropane	50.000	49.965	0.1	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.771	-3.5	125	0.00
28	T	Bromochloromethane	50.000	57.566	-15.1	117	0.00
29	T	Tetrahydrofuran	250.000	263.156	-5.3	117	0.00
30	C	Chloroform	50.000	50.313	-0.6#	123	0.00
31	T	Cyclohexane	50.000	50.460	-0.9	125	0.00
32	T	1,1,1-Trichloroethane	50.000	48.961	2.1	120	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.496	5.0	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35	S	Dibromofluoromethane	50.000	51.114	-2.2	112	0.00
36	T	1,1-Dichloropropene	50.000	53.665	-7.3	123	0.00
37	T	Ethyl Acetate	50.000	54.610	-9.2	120	0.00
38	T	Carbon Tetrachloride	50.000	51.386	-2.8	120	0.00
39	T	Methylcyclohexane	50.000	53.912	-7.8	123	0.00
40	TM	Benzene	50.000	53.671	-7.3	124	0.00
41	T	Methacrylonitrile	50.000	51.698	-3.4	108	0.00
42	TM	1,2-Dichloroethane	50.000	50.781	-1.6	115	0.00
43	T	Isopropyl Acetate	50.000	54.115	-8.2	119	0.00
44	TM	Trichloroethene	50.000	52.920	-5.8	124	0.00
45	C	1,2-Dichloropropane	50.000	56.422	-12.8#	132	0.00
46	T	Dibromomethane	50.000	53.009	-6.0	121	0.00
47	T	Bromodichloromethane	50.000	53.059	-6.1	123	0.00
48	T	Methyl methacrylate	50.000	52.271	-4.5	110	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	914.531	8.5	95	0.00
50	S	Toluene-d8	50.000	53.676	-7.4	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.599	-10.6	118	0.00
52	CM	Toluene	50.000	53.269	-6.5#	123	0.00
53	T	t-1,3-Dichloropropene	50.000	51.432	-2.9	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.209	-6.4	122	0.00
55	T	1,1,2-Trichloroethane	50.000	53.180	-6.4	125	0.00
56	T	Ethyl methacrylate	50.000	53.274	-6.5	116	0.00
57	T	1,3-Dichloropropane	50.000	53.609	-7.2	121	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.770	-3.1	108	0.00
59	T	2-Hexanone	250.000	276.858	-10.7	115	0.00
60	T	Dibromochloromethane	50.000	51.695	-3.4	118	0.00
61	T	1,2-Dibromoethane	50.000	52.623	-5.2	120	0.00
62	S	4-Bromofluorobenzene	50.000	47.896	4.2	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64	T	Tetrachloroethene	50.000	52.250	-4.5	121	0.00
65	PM	Chlorobenzene	50.000	52.480	-5.0	123	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.759	-3.5	121	0.00
67	C	Ethyl Benzene	50.000	53.164	-6.3#	122	0.00
68	T	m/p-Xylenes	100.000	104.420	-4.4	121	0.00
69	T	o-Xylene	50.000	52.161	-4.3	122	0.00
70	T	Styrene	50.000	51.841	-3.7	119	0.00
71	P	Bromoform	50.000	51.517	-3.0	116	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73	T	Isopropylbenzene	50.000	52.855	-5.7	121	0.00
74	T	N-amyl acetate	50.000	53.041	-6.1	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.906	-7.8	118	0.00
76	T	1,2,3-Trichloropropane	50.000	48.987	2.0	116	0.00
77	T	Bromobenzene	50.000	51.414	-2.8	119	0.00
78	T	n-propylbenzene	50.000	54.097	-8.2	124	0.00
79	T	2-Chlorotoluene	50.000	52.818	-5.6	122	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.846	-3.7	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.488	-5.0	110	0.00
82	T	4-Chlorotoluene	50.000	51.912	-3.8	120	0.00
83	T	tert-Butylbenzene	50.000	51.462	-2.9	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.038	-4.1	118	0.00
85	T	sec-Butylbenzene	50.000	53.583	-7.2	122	0.00
86	T	p-Isopropyltoluene	50.000	52.372	-4.7	120	0.00
87	T	1,3-Dichlorobenzene	50.000	51.278	-2.6	119	0.00
88	T	1,4-Dichlorobenzene	50.000	50.892	-1.8	119	0.00
89	T	n-Butylbenzene	50.000	53.103	-6.2	121	0.00
90	T	Hexachloroethane	50.000	51.501	-3.0	122	0.00
91	T	1,2-Dichlorobenzene	50.000	50.695	-1.4	117	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.162	9.7	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.859	2.3	109	0.00
94	T	Hexachlorobutadiene	50.000	48.650	2.7	114	0.00
95	T	Naphthalene	50.000	46.993	6.0	103	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	47.543	4.9	109	0.00

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