Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020936.D
Acq On : 27 Jan 2025 09:06
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 28 01:07:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	57.091	-14.2	122	0.00
3	P	Chloromethane	50.000	59.036	-18.1	128	0.00
4	C	Vinyl Chloride	50.000	58.439	-16.9#	124	0.00
5	T	Bromomethane	50.000	57.312	-14.6	130	0.00
6	T	Chloroethane	50.000	59.535	-19.1	125	0.00
7	T	Trichlorofluoromethane	50.000	58.661	-17.3	125	0.00
8	T	Diethyl Ether	50.000	58.174	-16.3	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.822	-15.6	124	0.00
10	T	Methyl Iodide	50.000	57.406	-14.8	117	0.00
11	T	Tert butyl alcohol	250.000	223.319	10.7	112	0.00
12	CM	1,1-Dichloroethene	50.000	58.412	-16.8#	126	0.00
13	T	Acrolein	250.000	297.402	-19.0	117	0.00
14	T	Allyl chloride	50.000	59.015	-18.0	125	0.00
15	T	Acrylonitrile	250.000	288.714	-15.5	116	0.01
16	T	Acetone	250.000	283.333	-13.3	115	0.00
17	T	Carbon Disulfide	50.000	58.401	-16.8	124	0.00
18	T	Methyl Acetate	50.000	57.130	-14.3	116	0.01
19	T	Methyl tert-butyl Ether	50.000	58.620	-17.2	122	0.00
20	T	Methylene Chloride	50.000	56.380	-12.8	122	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.786	-15.6	123	0.00
22	T	Diisopropyl ether	50.000	58.981	-18.0	123	0.00
23	T	Vinyl Acetate	250.000	295.513	-18.2	119	0.00
24	P	1,1-Dichloroethane	50.000	58.413	-16.8	124	0.00
25	T	2-Butanone	250.000	284.017	-13.6	116	0.00
26	T	2,2-Dichloropropane	50.000	56.769	-13.5	125	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.617	-15.2	123	0.00
28	T	Bromochloromethane	50.000	51.533	-3.1	109	0.00
29	T	Tetrahydrofuran	250.000	291.972	-16.8	116	0.00
30	C	Chloroform	50.000	57.699	-15.4#	123	0.00
31	T	Cyclohexane	50.000	55.361	-10.7	125	0.00
32	T	1,1,1-Trichloroethane	50.000	56.985	-14.0	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.820	-7.6	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	55.044	-10.1	106	0.00
36	T	1,1-Dichloropropene	50.000	58.440	-16.9	122	0.00
37	T	Ethyl Acetate	50.000	56.949	-13.9	116	0.00
38	T	Carbon Tetrachloride	50.000	58.090	-16.2	122	0.00
39	T	Methylcyclohexane	50.000	58.909	-17.8	123	0.00
40	TM	Benzene	50.000	58.254	-16.5	122	0.00
41	T	Methacrylonitrile	50.000	56.852	-13.7	109	0.00
42	TM	1,2-Dichloroethane	50.000	58.460	-16.9	120	0.00
43	T	Isopropyl Acetate	50.000	58.911	-17.8	117	0.00
44	TM	Trichloroethene	50.000	58.016	-16.0	123	0.00
45	C	1,2-Dichloropropane	50.000	58.391	-16.8#	121	0.00
46	T	Dibromomethane	50.000	58.732	-17.5	119	0.00
47	T	Bromodichloromethane	50.000	57.966	-15.9	120	0.00
48	T	Methyl methacrylate	50.000	59.152	-18.3	119	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	1130.869	-13.1	109	0.01
50	S	Toluene-d8	50.000	55.293	-10.6	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.180	-16.9	115	0.00
52	CM	Toluene	50.000	58.871	-17.7#	122	0.00
53	T	t-1,3-Dichloropropene	50.000	58.931	-17.9	120	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.669	-17.3	121	0.00
55	T	1,1,2-Trichloroethane	50.000	58.264	-16.5	120	0.00
56	T	Ethyl methacrylate	50.000	60.666	-21.3	119	0.00
57	T	1,3-Dichloropropane	50.000	58.615	-17.2	120	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	292.868	-17.1	119	0.00
59	T	2-Hexanone	250.000	300.455	-20.2	116	0.00
60	T	Dibromochloromethane	50.000	58.346	-16.7	121	0.00
61	T	1,2-Dibromoethane	50.000	57.005	-14.0	117	0.00
62	S	4-Bromofluorobenzene	50.000	55.179	-10.4	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	58.394	-16.8	123	0.00
65	PM	Chlorobenzene	50.000	57.822	-15.6	121	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.398	-14.8	119	0.00
67	C	Ethyl Benzene	50.000	58.508	-17.0#	120	0.00
68	T	m/p-Xylenes	100.000	117.148	-17.1	121	0.00
69	T	o-Xylene	50.000	59.216	-18.4	122	0.00
70	T	Styrene	50.000	59.850	-19.7	121	0.00
71	P	Bromoform	50.000	59.750	-19.5	120	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	58.433	-16.9	121	0.00
74	T	N-amyl acetate	50.000	58.949	-17.9	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.195	-14.4	116	0.00
76	T	1,2,3-Trichloropropane	50.000	65.208	-30.4#	125	0.00
77	T	Bromobenzene	50.000	56.601	-13.2	118	0.00
78	T	n-propylbenzene	50.000	58.629	-17.3	121	0.00
79	T	2-Chlorotoluene	50.000	57.750	-15.5	121	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.713	-17.4	122	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.924	-19.8	118	0.00
82	T	4-Chlorotoluene	50.000	58.537	-17.1	122	0.00
83	T	tert-Butylbenzene	50.000	58.695	-17.4	119	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.499	-17.0	121	0.00
85	T	sec-Butylbenzene	50.000	58.904	-17.8	123	0.00
86	T	p-Isopropyltoluene	50.000	59.059	-18.1	122	0.00
87	T	1,3-Dichlorobenzene	50.000	56.994	-14.0	119	0.00
88	T	1,4-Dichlorobenzene	50.000	57.538	-15.1	121	0.00
89	T	n-Butylbenzene	50.000	59.745	-19.5	122	0.00
90	T	Hexachloroethane	50.000	58.150	-16.3	122	0.00
91	T	1,2-Dichlorobenzene	50.000	57.308	-14.6	119	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.680	-11.4	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.043	-18.1	122	0.00
94	T	Hexachlorobutadiene	50.000	56.578	-13.2	120	0.00
95	T	Naphthalene	50.000	59.162	-18.3	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.446	-16.9	121	0.00

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