Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
Data File : VY013932.D
Acq On : 30 May 2023 20:11
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 31 03:29:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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	85	0.00
2	T	Dichlorodifluoromethane	50.000	46.905	6.2	70	0.00
3	P	Chloromethane	50.000	45.552	8.9	74	0.00
4	C	Vinyl Chloride	50.000	44.933	10.1#	71	0.00
5	T	Bromomethane	50.000	46.671	6.7	83	0.00
6	T	Chloroethane	50.000	47.767	4.5	80	0.00
7	T	Trichlorofluoromethane	50.000	46.042	7.9	74	0.00
8	T	Diethyl Ether	50.000	53.472	-6.9	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.352	7.3	77	0.00
10	T	Methyl Iodide	50.000	43.827	12.3	66	0.00
11	T	Tert butyl alcohol	250.000	470.083	-88.0#	155	0.00
12	CM	1,1-Dichloroethene	50.000	46.089	7.8#	74	0.00
13	T	Acrolein	250.000	343.445	-37.4#	121	0.00
14	T	Allyl chloride	50.000	44.421	11.2	75	0.00
15	T	Acrylonitrile	250.000	311.639	-24.7	103	0.00
16	T	Acetone	250.000	267.742	-7.1	90	0.00
17	T	Carbon Disulfide	50.000	45.138	9.7	70	0.00
18	T	Methyl Acetate	50.000	60.029	-20.1	101	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.899	-9.8	89	0.00
20	T	Methylene Chloride	50.000	52.496	-5.0	91	-0.01
21	T	trans-1,2-Dichloroethene	50.000	46.945	6.1	77	0.00
22	T	Diisopropyl ether	50.000	50.844	-1.7	83	0.00
23	T	Vinyl Acetate	250.000	283.302	-13.3	89	0.00
24	P	1,1-Dichloroethane	50.000	46.625	6.8	79	0.00
25	T	2-Butanone	250.000	308.178	-23.3	101	0.00
26	T	2,2-Dichloropropane	50.000	43.695	12.6	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.257	3.5	79	0.00
28	T	Bromochloromethane	50.000	47.838	4.3	88	0.00
29	T	Tetrahydrofuran	250.000	349.608	-39.8#	107	0.00
30	C	Chloroform	50.000	48.988	2.0#	83	0.00
31	T	Cyclohexane	50.000	43.360	13.3	72	0.00
32	T	1,1,1-Trichloroethane	50.000	47.141	5.7	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.360	-4.7	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	49.782	0.4	87	0.00
36	T	1,1-Dichloropropene	50.000	47.205	5.6	76	0.00
37	T	Ethyl Acetate	50.000	68.202	-36.4#	106	0.00
38	T	Carbon Tetrachloride	50.000	47.760	4.5	79	0.00
39	T	Methylcyclohexane	50.000	45.776	8.4	72	0.00
40	TM	Benzene	50.000	48.694	2.6	80	0.00
41	T	Methacrylonitrile	50.000	62.440	-24.9	115	0.00
42	TM	1,2-Dichloroethane	50.000	53.469	-6.9	88	0.00
43	T	Isopropyl Acetate	50.000	60.838	-21.7	98	0.00
44	TM	Trichloroethene	50.000	46.943	6.1	78	0.00
45	C	1,2-Dichloropropane	50.000	49.699	0.6#	83	0.00
46	T	Dibromomethane	50.000	55.550	-11.1	91	0.00
47	T	Bromodichloromethane	50.000	50.897	-1.8	86	0.00
48	T	Methyl methacrylate	50.000	59.630	-19.3	92	0.00

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Instrument :
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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	1449.992	-45.0#	113	0.01
50	S	Toluene-d8	50.000	47.141	5.7	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	343.710	-37.5#	107	0.00
52	CM	Toluene	50.000	49.749	0.5#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	52.750	-5.5	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.452	-0.9	82	0.00
55	T	1,1,2-Trichloroethane	50.000	55.773	-11.5	91	0.00
56	T	Ethyl methacrylate	50.000	60.458	-20.9	94	0.00
57	T	1,3-Dichloropropane	50.000	55.633	-11.3	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.330	-1.3	96	0.00
59	T	2-Hexanone	250.000	349.228	-39.7#	107	0.00
60	T	Dibromochloromethane	50.000	55.458	-10.9	91	0.00
61	T	1,2-Dibromoethane	50.000	56.917	-13.8	92	0.00
62	S	4-Bromofluorobenzene	50.000	50.318	-0.6	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	47.243	5.5	81	0.00
65	PM	Chlorobenzene	50.000	47.281	5.4	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.042	1.9	86	0.00
67	C	Ethyl Benzene	50.000	47.266	5.5#	81	0.00
68	T	m/p-Xylenes	100.000	95.765	4.2	81	0.00
69	T	o-Xylene	50.000	47.944	4.1	82	0.00
70	T	Styrene	50.000	49.742	0.5	85	0.00
71	P	Bromoform	50.000	56.794	-13.6	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	44.438	11.1	81	0.00
74	T	N-amyl acetate	50.000	56.312	-12.6	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.811	-11.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	55.477	-11.0	121	0.00
77	T	Bromobenzene	50.000	47.076	5.8	87	0.00
78	T	n-propylbenzene	50.000	44.914	10.2	82	0.00
79	T	2-Chlorotoluene	50.000	45.648	8.7	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.984	8.0	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.231	-8.5	95	0.00
82	T	4-Chlorotoluene	50.000	46.038	7.9	87	0.00
83	T	tert-Butylbenzene	50.000	44.881	10.2	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.992	6.0	85	0.00
85	T	sec-Butylbenzene	50.000	44.883	10.2	82	0.00
86	T	p-Isopropyltoluene	50.000	44.991	10.0	82	0.00
87	T	1,3-Dichlorobenzene	50.000	45.997	8.0	86	0.00
88	T	1,4-Dichlorobenzene	50.000	46.764	6.5	88	0.00
89	T	n-Butylbenzene	50.000	45.186	9.6	83	0.00
90	T	Hexachloroethane	50.000	44.453	11.1	85	0.00
91	T	1,2-Dichlorobenzene	50.000	47.877	4.2	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	60.760	-21.5	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.111	3.8	89	0.00
94	T	Hexachlorobutadiene	50.000	44.051	11.9	84	0.00
95	T	Naphthalene	50.000	50.452	-0.9	101	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	49.942	0.1	92	0.00

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