Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013126.D
Acq On : 29 Mar 2023 09:55
Operator : KP/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 30 01:36:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	48.400	3.2	74	0.00
3	P	Chloromethane	50.000	48.099	3.8	76	0.00
4	C	Vinyl Chloride	50.000	53.858	-7.7#	81	0.00
5	T	Bromomethane	50.000	55.678	-11.4	84	0.00
6	T	Chloroethane	50.000	57.119	-14.2	84	0.00
7	T	Trichlorofluoromethane	50.000	52.058	-4.1	79	0.00
8	T	Diethyl Ether	50.000	45.839	8.3	67	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.465	-4.9	79	0.00
10	T	Methyl Iodide	50.000	48.877	2.2	68	0.00
11	T	Tert butyl alcohol	250.000	169.154	32.3#	52	0.00
12	CM	1,1-Dichloroethene	50.000	50.656	-1.3#	75	0.00
13	T	Acrolein	250.000	128.080	48.8#	38	0.00
14	T	Allyl chloride	50.000	50.764	-1.5	74	0.00
15	T	Acrylonitrile	250.000	222.964	10.8	65	0.00
16	T	Acetone	250.000	254.693	-1.9	69	0.00
17	T	Carbon Disulfide	50.000	45.807	8.4	68	0.00
18	T	Methyl Acetate	50.000	44.644	10.7	65	0.00
19	T	Methyl tert-butyl Ether	50.000	49.728	0.5	70	0.00
20	T	Methylene Chloride	50.000	51.354	-2.7	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.603	-5.2	77	0.00
22	T	Diisopropyl ether	50.000	57.985	-16.0	83	0.00
23	T	Vinyl Acetate	250.000	257.655	-3.1	72	0.00
24	P	1,1-Dichloroethane	50.000	55.511	-11.0	81	0.00
25	T	2-Butanone	250.000	251.053	-0.4	70	0.00
26	T	2,2-Dichloropropane	50.000	56.142	-12.3	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.199	-8.4	78	0.00
28	T	Bromochloromethane	50.000	49.168	1.7	70	0.00
29	T	Tetrahydrofuran	250.000	228.200	8.7	64	0.00
30	C	Chloroform	50.000	55.676	-11.4#	81	0.00
31	T	Cyclohexane	50.000	49.146	1.7	74	0.00
32	T	1,1,1-Trichloroethane	50.000	55.373	-10.7	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.343	-2.7	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	58.031	-16.1	81	0.00
36	T	1,1-Dichloropropene	50.000	56.234	-12.5	78	0.00
37	T	Ethyl Acetate	50.000	47.342	5.3	68	0.00
38	T	Carbon Tetrachloride	50.000	58.807	-17.6	81	0.00
39	T	Methylcyclohexane	50.000	53.290	-6.6	72	0.00
40	TM	Benzene	50.000	56.502	-13.0	78	0.00
41	T	Methacrylonitrile	50.000	40.157	19.7	55	0.00
42	TM	1,2-Dichloroethane	50.000	56.526	-13.1	78	0.00
43	T	Isopropyl Acetate	50.000	48.749	2.5	66	0.00
44	TM	Trichloroethene	50.000	54.558	-9.1	75	0.00
45	C	1,2-Dichloropropane	50.000	57.249	-14.5#	81	0.00
46	T	Dibromomethane	50.000	53.734	-7.5	74	0.00
47	T	Bromodichloromethane	50.000	57.424	-14.8	80	0.00
48	T	Methyl methacrylate	50.000	51.203	-2.4	67	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	902.662	9.7	61	0.00
50	S	Toluene-d8	50.000	49.204	1.6	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.310	1.5	65	0.00
52	CM	Toluene	50.000	57.201	-14.4#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	54.656	-9.3	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.350	-10.7	75	0.00
55	T	1,1,2-Trichloroethane	50.000	53.504	-7.0	74	0.00
56	T	Ethyl methacrylate	50.000	49.118	1.8	64	0.00
57	T	1,3-Dichloropropane	50.000	54.256	-8.5	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.018	0.4	65	0.00
59	T	2-Hexanone	250.000	262.554	-5.0	68	0.00
60	T	Dibromochloromethane	50.000	53.432	-6.9	74	0.00
61	T	1,2-Dibromoethane	50.000	51.247	-2.5	71	0.00
62	S	4-Bromofluorobenzene	50.000	58.287	-16.6	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	53.260	-6.5	78	0.00
65	PM	Chlorobenzene	50.000	55.286	-10.6	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.029	-14.1	83	0.00
67	C	Ethyl Benzene	50.000	56.812	-13.6#	81	0.00
68	T	m/p-Xylenes	100.000	115.258	-15.3	82	0.00
69	T	o-Xylene	50.000	57.166	-14.3	82	0.00
70	T	Styrene	50.000	58.183	-16.4	82	0.00
71	P	Bromoform	50.000	52.659	-5.3	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	53.564	-7.1	82	0.00
74	T	N-amyl acetate	50.000	43.301	13.4	66	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.976	8.0	72	0.00
76	T	1,2,3-Trichloropropane	50.000	40.923	18.2	64	0.00
77	T	Bromobenzene	50.000	51.704	-3.4	81	0.00
78	T	n-propylbenzene	50.000	54.681	-9.4	84	0.00
79	T	2-Chlorotoluene	50.000	53.551	-7.1	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.076	-8.2	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.522	13.0	67	0.00
82	T	4-Chlorotoluene	50.000	53.509	-7.0	83	0.00
83	T	tert-Butylbenzene	50.000	54.384	-8.8	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.008	-10.0	84	0.00
85	T	sec-Butylbenzene	50.000	54.372	-8.7	84	0.00
86	T	p-Isopropyltoluene	50.000	54.844	-9.7	84	0.00
87	T	1,3-Dichlorobenzene	50.000	54.326	-8.7	85	0.00
88	T	1,4-Dichlorobenzene	50.000	52.115	-4.2	83	0.00
89	T	n-Butylbenzene	50.000	52.970	-5.9	81	0.00
90	T	Hexachloroethane	50.000	52.792	-5.6	85	0.00
91	T	1,2-Dichlorobenzene	50.000	52.807	-5.6	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.177	15.6	64	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.771	4.5	73	0.00
94	T	Hexachlorobutadiene	50.000	46.823	6.4	76	0.00
95	T	Naphthalene	50.000	41.300	17.4	61	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	45.372	9.3	70	0.00

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