Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
Data File : VY013908.D
Acq On : 26 May 2023 21:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 29 04:37:57 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	49.174	1.7	72	0.00
3	P	Chloromethane	50.000	46.747	6.5	74	0.00
4	C	Vinyl Chloride	50.000	47.046	5.9#	73	0.00
5	T	Bromomethane	50.000	48.494	3.0	84	0.00
6	T	Chloroethane	50.000	48.128	3.7	79	0.00
7	T	Trichlorofluoromethane	50.000	48.620	2.8	77	0.00
8	T	Diethyl Ether	50.000	51.180	-2.4	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.518	7.0	75	0.00
10	T	Methyl Iodide	50.000	45.359	9.3	67	-0.01
11	T	Tert butyl alcohol	250.000	317.932	-27.2#	103	-0.01
12	CM	1,1-Dichloroethene	50.000	48.056	3.9#	75	0.00
13	T	Acrolein	250.000	299.062	-19.6	103	0.00
14	T	Allyl chloride	50.000	45.418	9.2	75	0.00
15	T	Acrylonitrile	250.000	300.351	-20.1	97	0.00
16	T	Acetone	250.000	259.439	-3.8	85	0.00
17	T	Carbon Disulfide	50.000	46.479	7.0	71	0.00
18	T	Methyl Acetate	50.000	58.765	-17.5	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.510	-7.0	85	0.00
20	T	Methylene Chloride	50.000	53.122	-6.2	90	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.298	3.4	77	0.00
22	T	Diisopropyl ether	50.000	51.220	-2.4	82	0.00
23	T	Vinyl Acetate	250.000	280.237	-12.1	86	0.00
24	P	1,1-Dichloroethane	50.000	47.639	4.7	79	0.00
25	T	2-Butanone	250.000	293.653	-17.5	94	0.00
26	T	2,2-Dichloropropane	50.000	44.379	11.2	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.915	2.2	79	0.00
28	T	Bromochloromethane	50.000	48.913	2.2	88	-0.01
29	T	Tetrahydrofuran	250.000	337.844	-35.1#	101	0.00
30	C	Chloroform	50.000	50.298	-0.6#	83	0.00
31	T	Cyclohexane	50.000	44.447	11.1	72	0.00
32	T	1,1,1-Trichloroethane	50.000	48.281	3.4	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.825	-11.7	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	54.219	-8.4	91	0.00
36	T	1,1-Dichloropropene	50.000	48.948	2.1	76	0.00
37	T	Ethyl Acetate	50.000	65.797	-31.6#	99	0.00
38	T	Carbon Tetrachloride	50.000	49.434	1.1	79	0.00
39	T	Methylcyclohexane	50.000	48.171	3.7	73	0.00
40	TM	Benzene	50.000	50.366	-0.7	80	0.00
41	T	Methacrylonitrile	50.000	52.066	-4.1	92	0.00
42	TM	1,2-Dichloroethane	50.000	54.974	-9.9	87	0.00
43	T	Isopropyl Acetate	50.000	60.124	-20.2	93	0.00
44	TM	Trichloroethene	50.000	49.051	1.9	79	0.00
45	C	1,2-Dichloropropane	50.000	50.773	-1.5#	82	0.00
46	T	Dibromomethane	50.000	56.156	-12.3	89	0.00
47	T	Bromodichloromethane	50.000	52.157	-4.3	85	0.00
48	T	Methyl methacrylate	50.000	60.232	-20.5	90	0.00

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Instrument :
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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)
49	T	1,4-Dioxane	1000.000	1408.052	-40.8#	106	0.00
50	S	Toluene-d8	50.000	51.622	-3.2	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	339.117	-35.6#	102	0.00
52	CM	Toluene	50.000	51.745	-3.5#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	53.428	-6.9	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.768	-3.5	82	0.00
55	T	1,1,2-Trichloroethane	50.000	56.016	-12.0	89	0.00
56	T	Ethyl methacrylate	50.000	60.548	-21.1	90	0.00
57	T	1,3-Dichloropropane	50.000	56.433	-12.9	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.416	-9.0	99	0.00
59	T	2-Hexanone	250.000	345.949	-38.4#	102	0.00
60	T	Dibromochloromethane	50.000	55.497	-11.0	88	0.00
61	T	1,2-Dibromoethane	50.000	57.196	-14.4	89	0.00
62	S	4-Bromofluorobenzene	50.000	55.860	-11.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	48.654	2.7	82	0.00
65	PM	Chlorobenzene	50.000	48.381	3.2	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.375	-0.8	86	0.00
67	C	Ethyl Benzene	50.000	48.505	3.0#	81	0.00
68	T	m/p-Xylenes	100.000	97.852	2.1	81	0.00
69	T	o-Xylene	50.000	49.139	1.7	82	0.00
70	T	Styrene	50.000	51.152	-2.3	85	0.00
71	P	Bromoform	50.000	55.634	-11.3	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	45.045	9.9	80	0.00
74	T	N-amyl acetate	50.000	55.478	-11.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.977	-10.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.265	1.5	105	0.00
77	T	Bromobenzene	50.000	46.925	6.2	85	0.00
78	T	n-propylbenzene	50.000	45.567	8.9	81	0.00
79	T	2-Chlorotoluene	50.000	46.094	7.8	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.367	7.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.488	-9.0	93	0.00
82	T	4-Chlorotoluene	50.000	46.415	7.2	86	0.00
83	T	tert-Butylbenzene	50.000	46.120	7.8	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.312	5.4	84	0.00
85	T	sec-Butylbenzene	50.000	45.229	9.5	81	0.00
86	T	p-Isopropyltoluene	50.000	45.444	9.1	81	0.00
87	T	1,3-Dichlorobenzene	50.000	46.495	7.0	85	0.00
88	T	1,4-Dichlorobenzene	50.000	46.833	6.3	86	0.00
89	T	n-Butylbenzene	50.000	45.432	9.1	81	0.00
90	T	Hexachloroethane	50.000	44.119	11.8	83	0.00
91	T	1,2-Dichlorobenzene	50.000	48.056	3.9	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.015	-18.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.005	4.0	86	0.00
94	T	Hexachlorobutadiene	50.000	43.420	13.2	81	0.00
95	T	Naphthalene	50.000	50.087	-0.2	98	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	50.639	-1.3	91	0.00

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