Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
Data File : VY009646.D
Acq On : 21 Jul 2022 20:22
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 02:32:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
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	83	0.00
2	T	Dichlorodifluoromethane	50.000	46.781	6.4	79	0.00
3	P	Chloromethane	50.000	48.320	3.4	84	0.00
4	C	Vinyl Chloride	50.000	56.921	-13.8#	96	0.00
5	T	Bromomethane	50.000	63.963	-27.9#	112	0.00
6	T	Chloroethane	50.000	61.954	-23.9	106	0.00
7	T	Trichlorofluoromethane	50.000	54.272	-8.5	92	0.00
8	T	Diethyl Ether	50.000	52.610	-5.2	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.959	-3.9	87	0.00
10	T	Methyl Iodide	50.000	51.017	-2.0	83	0.00
11	T	Tert butyl alcohol	250.000	231.888	7.2	73	0.00
12	CM	1,1-Dichloroethene	50.000	49.917	0.2#	84	0.00
13	T	Acrolein	250.000	226.642	9.3	80	0.00
14	T	Allyl chloride	50.000	43.231	13.5	71	0.00
15	T	Acrylonitrile	250.000	260.871	-4.3	88	0.00
16	T	Acetone	250.000	205.178	17.9	57	0.00
17	T	Carbon Disulfide	50.000	47.233	5.5	79	0.00
18	T	Methyl Acetate	50.000	45.703	8.6	86	0.00
19	T	Methyl tert-butyl Ether	50.000	53.960	-7.9	90	0.00
20	T	Methylene Chloride	50.000	62.652	-25.3#	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.769	-5.5	88	0.00
22	T	Diisopropyl ether	50.000	48.042	3.9	80	0.00
23	T	Vinyl Acetate	250.000	252.712	-1.1	81	0.00
24	P	1,1-Dichloroethane	50.000	50.954	-1.9	86	0.00
25	T	2-Butanone	250.000	247.573	1.0	76	0.00
26	T	2,2-Dichloropropane	50.000	44.469	11.1	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.133	-10.3	93	0.00
28	T	Bromochloromethane	50.000	50.021	-0.0	79	0.00
29	T	Tetrahydrofuran	250.000	259.573	-3.8	86	0.00
30	C	Chloroform	50.000	55.519	-11.0#	95	0.00
31	T	Cyclohexane	50.000	45.780	8.4	78	0.00
32	T	1,1,1-Trichloroethane	50.000	55.700	-11.4	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.431	-4.9	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	53.708	-7.4	88	0.00
36	T	1,1-Dichloropropene	50.000	52.720	-5.4	87	0.00
37	T	Ethyl Acetate	50.000	52.571	-5.1	87	0.00
38	T	Carbon Tetrachloride	50.000	57.293	-14.6	94	0.00
39	T	Methylcyclohexane	50.000	52.667	-5.3	85	0.00
40	TM	Benzene	50.000	53.659	-7.3	90	0.00
41	T	Methacrylonitrile	50.000	50.431	-0.9	85	0.00
42	TM	1,2-Dichloroethane	50.000	56.799	-13.6	95	0.00
43	T	Isopropyl Acetate	50.000	52.483	-5.0	85	0.00
44	TM	Trichloroethene	50.000	56.359	-12.7	95	0.00
45	C	1,2-Dichloropropane	50.000	53.034	-6.1#	88	0.00
46	T	Dibromomethane	50.000	59.226	-18.5	98	0.00
47	T	Bromodichloromethane	50.000	57.370	-14.7	95	0.00
48	T	Methyl methacrylate	50.000	53.757	-7.5	87	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)
49	T	1,4-Dioxane	1000.000	1261.016	-26.1#	103	0.00
50	S	Toluene-d8	50.000	51.225	-2.5	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.039	-10.0	88	0.00
52	CM	Toluene	50.000	55.034	-10.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	53.910	-7.8	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.620	-7.2	87	0.00
55	T	1,1,2-Trichloroethane	50.000	57.634	-15.3	97	0.00
56	T	Ethyl methacrylate	50.000	57.474	-14.9	92	0.00
57	T	1,3-Dichloropropane	50.000	55.762	-11.5	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.066	-5.2	83	0.00
59	T	2-Hexanone	250.000	267.165	-6.9	82	0.00
60	T	Dibromochloromethane	50.000	59.726	-19.5	100	0.00
61	T	1,2-Dibromoethane	50.000	57.693	-15.4	97	0.00
62	S	4-Bromofluorobenzene	50.000	51.953	-3.9	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	60.538	-21.1	99	0.00
65	PM	Chlorobenzene	50.000	55.734	-11.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.458	-18.9	98	0.00
67	C	Ethyl Benzene	50.000	54.617	-9.2#	88	0.00
68	T	m/p-Xylenes	100.000	111.815	-11.8	90	0.00
69	T	o-Xylene	50.000	56.116	-12.2	90	0.00
70	T	Styrene	50.000	57.248	-14.5	91	0.00
71	P	Bromoform	50.000	62.835	-25.7#	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	54.144	-8.3	90	0.00
74	T	N-amyl acetate	50.000	49.804	0.4	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.830	-7.7	93	0.00
76	T	1,2,3-Trichloropropane	50.000	53.285	-6.6	91	0.00
77	T	Bromobenzene	50.000	56.152	-12.3	96	0.00
78	T	n-propylbenzene	50.000	52.688	-5.4	87	0.00
79	T	2-Chlorotoluene	50.000	52.989	-6.0	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.427	-8.9	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.892	-1.8	82	0.00
82	T	4-Chlorotoluene	50.000	52.891	-5.8	89	0.00
83	T	tert-Butylbenzene	50.000	55.480	-11.0	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.086	-8.2	91	0.00
85	T	sec-Butylbenzene	50.000	53.306	-6.6	88	0.00
86	T	p-Isopropyltoluene	50.000	54.490	-9.0	90	0.00
87	T	1,3-Dichlorobenzene	50.000	54.365	-8.7	94	0.00
88	T	1,4-Dichlorobenzene	50.000	54.360	-8.7	95	0.00
89	T	n-Butylbenzene	50.000	52.619	-5.2	86	0.00
90	T	Hexachloroethane	50.000	54.473	-8.9	93	0.00
91	T	1,2-Dichlorobenzene	50.000	55.435	-10.9	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.127	-14.3	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.766	-13.5	97	0.00
94	T	Hexachlorobutadiene	50.000	56.787	-13.6	98	0.00
95	T	Naphthalene	50.000	61.113	-22.2	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.040	-16.1	102	0.00

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