Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
Data File : VY011609.D
Acq On : 28 Nov 2022 19:03
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: Nov 29 00:26:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	47.008	6.0	86	0.00
3	P	Chloromethane	50.000	48.216	3.6	84	0.00
4	C	Vinyl Chloride	50.000	41.339	17.3#	79	0.00
5	T	Bromomethane	50.000	45.599	8.8	81	0.00
6	T	Chloroethane	50.000	42.043	15.9	81	0.00
7	T	Trichlorofluoromethane	50.000	48.506	3.0	94	0.00
8	T	Diethyl Ether	50.000	56.031	-12.1	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.486	-1.0	95	-0.01
10	T	Methyl Iodide	50.000	51.843	-3.7	88	0.00
11	T	Tert butyl alcohol	250.000	323.089	-29.2#	123	0.00
12	CM	1,1-Dichloroethene	50.000	50.282	-0.6#	93	-0.01
13	T	Acrolein	250.000	212.508	15.0	122	0.00
14	T	Allyl chloride	50.000	53.458	-6.9	95	0.00
15	T	Acrylonitrile	250.000	306.947	-22.8	115	0.00
16	T	Acetone	250.000	246.050	1.6	92	0.00
17	T	Carbon Disulfide	50.000	48.664	2.7	89	0.00
18	T	Methyl Acetate	50.000	60.036	-20.1	115	-0.01
19	T	Methyl tert-butyl Ether	50.000	59.658	-19.3	107	0.00
20	T	Methylene Chloride	50.000	52.432	-4.9	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.898	-3.8	94	-0.01
22	T	Diisopropyl ether	50.000	57.053	-14.1	99	0.00
23	T	Vinyl Acetate	250.000	306.906	-22.8	104	0.00
24	P	1,1-Dichloroethane	50.000	53.060	-6.1	99	0.00
25	T	2-Butanone	250.000	280.330	-12.1	104	0.00
26	T	2,2-Dichloropropane	50.000	50.613	-1.2	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.864	-7.7	96	0.00
28	T	Bromochloromethane	50.000	55.337	-10.7	100	0.00
29	T	Tetrahydrofuran	250.000	316.315	-26.5#	116	0.00
30	C	Chloroform	50.000	54.107	-8.2#	100	0.00
31	T	Cyclohexane	50.000	49.436	1.1	91	0.00
32	T	1,1,1-Trichloroethane	50.000	51.521	-3.0	95	-0.01
33	S	1,2-Dichloroethane-d4	50.000	54.783	-9.6	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	55.017	-10.0	110	0.00
36	T	1,1-Dichloropropene	50.000	50.732	-1.5	93	0.00
37	T	Ethyl Acetate	50.000	59.540	-19.1	113	0.00
38	T	Carbon Tetrachloride	50.000	49.836	0.3	94	0.00
39	T	Methylcyclohexane	50.000	50.977	-2.0	90	0.00
40	TM	Benzene	50.000	51.974	-3.9	96	0.00
41	T	Methacrylonitrile	50.000	65.876	-31.8#	130	0.00
42	TM	1,2-Dichloroethane	50.000	53.854	-7.7	103	0.00
43	T	Isopropyl Acetate	50.000	58.043	-16.1	108	0.00
44	TM	Trichloroethene	50.000	51.280	-2.6	96	0.00
45	C	1,2-Dichloropropane	50.000	53.950	-7.9#	99	0.00
46	T	Dibromomethane	50.000	54.368	-8.7	103	0.00
47	T	Bromodichloromethane	50.000	54.593	-9.2	102	0.00
48	T	Methyl methacrylate	50.000	60.002	-20.0	109	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	1291.314	-29.1#	121	0.00
50	S	Toluene-d8	50.000	51.969	-3.9	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.125	-23.3	113	0.00
52	CM	Toluene	50.000	52.731	-5.5#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	54.648	-9.3	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.922	-9.8	101	0.00
55	T	1,1,2-Trichloroethane	50.000	56.317	-12.6	106	0.00
56	T	Ethyl methacrylate	50.000	61.309	-22.6	110	0.00
57	T	1,3-Dichloropropane	50.000	56.033	-12.1	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	293.424	-17.4	103	0.00
59	T	2-Hexanone	250.000	301.031	-20.4	108	0.00
60	T	Dibromochloromethane	50.000	55.735	-11.5	104	0.00
61	T	1,2-Dibromoethane	50.000	56.365	-12.7	105	0.00
62	S	4-Bromofluorobenzene	50.000	55.621	-11.2	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	49.964	0.1	95	0.00
65	PM	Chlorobenzene	50.000	50.353	-0.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.194	-4.4	97	0.00
67	C	Ethyl Benzene	50.000	50.985	-2.0#	94	0.00
68	T	m/p-Xylenes	100.000	102.015	-2.0	92	0.00
69	T	o-Xylene	50.000	52.427	-4.9	94	0.00
70	T	Styrene	50.000	53.686	-7.4	96	0.00
71	P	Bromoform	50.000	54.878	-9.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	50.686	-1.4	93	0.00
74	T	N-amyl acetate	50.000	56.853	-13.7	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.595	-7.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	55.391	-10.8	99	0.00
77	T	Bromobenzene	50.000	50.507	-1.0	97	0.00
78	T	n-propylbenzene	50.000	50.291	-0.6	92	0.00
79	T	2-Chlorotoluene	50.000	50.837	-1.7	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.025	-2.0	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.541	-9.1	108	0.00
82	T	4-Chlorotoluene	50.000	50.217	-0.4	94	0.00
83	T	tert-Butylbenzene	50.000	50.901	-1.8	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.430	-2.9	94	0.00
85	T	sec-Butylbenzene	50.000	50.314	-0.6	92	0.00
86	T	p-Isopropyltoluene	50.000	50.567	-1.1	91	0.00
87	T	1,3-Dichlorobenzene	50.000	49.332	1.3	95	0.00
88	T	1,4-Dichlorobenzene	50.000	48.697	2.6	94	0.00
89	T	n-Butylbenzene	50.000	50.426	-0.9	91	0.00
90	T	Hexachloroethane	50.000	49.542	0.9	97	0.00
91	T	1,2-Dichlorobenzene	50.000	50.801	-1.6	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.857	-15.7	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.360	-6.7	102	0.00
94	T	Hexachlorobutadiene	50.000	52.030	-4.1	102	0.00
95	T	Naphthalene	50.000	55.165	-10.3	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.403	-12.8	110	0.00

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