Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015772.D
Acq On : 29 Sep 2023 22:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 30 01:21:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	111	0.02
2	T	Dichlorodifluoromethane	50.000	42.930	14.1	88	0.01
3	P	Chloromethane	50.000	42.827	14.3	88	0.01
4	C	Vinyl Chloride	50.000	45.866	8.3#	94	0.01
5	T	Bromomethane	50.000	38.322	23.4	87	0.02
6	T	Chloroethane	50.000	44.698	10.6	92	0.01
7	T	Trichlorofluoromethane	50.000	45.278	9.4	97	0.02
8	T	Diethyl Ether	50.000	47.528	4.9	101	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.430	9.1	97	0.02
10	T	Methyl Iodide	50.000	42.245	15.5	90	0.02
11	T	Tert butyl alcohol	250.000	280.212	-12.1	132	0.07
12	CM	1,1-Dichloroethene	50.000	44.386	11.2#	94	0.02
13	T	Acrolein	250.000	220.996	11.6	98	0.02
14	T	Allyl chloride	50.000	44.851	10.3	94	0.02
15	T	Acrylonitrile	250.000	262.995	-5.2	116	0.02
16	T	Acetone	250.000	220.897	11.6	102	0.04
17	T	Carbon Disulfide	50.000	40.905	18.2	82	0.02
18	T	Methyl Acetate	50.000	63.001	-26.0#	138	0.02
19	T	Methyl tert-butyl Ether	50.000	49.908	0.2	106	0.03
20	T	Methylene Chloride	50.000	46.312	7.4	102	0.02
21	T	trans-1,2-Dichloroethene	50.000	45.726	8.5	94	0.02
22	T	Diisopropyl ether	50.000	46.703	6.6	97	0.02
23	T	Vinyl Acetate	250.000	217.620	13.0	92	0.02
24	P	1,1-Dichloroethane	50.000	45.797	8.4	97	0.03
25	T	2-Butanone	250.000	239.428	4.2	112	0.03
26	T	2,2-Dichloropropane	50.000	39.534	20.9	90	0.02
27	T	cis-1,2-Dichloroethene	50.000	46.306	7.4	97	0.02
28	T	Bromochloromethane	50.000	39.190	21.6	85	0.02
29	T	Tetrahydrofuran	250.000	276.005	-10.4	123	0.02
30	C	Chloroform	50.000	47.397	5.2#	102	0.02
31	T	Cyclohexane	50.000	40.960	18.1	90	0.01
32	T	1,1,1-Trichloroethane	50.000	47.563	4.9	101	0.02
33	S	1,2-Dichloroethane-d4	50.000	47.576	4.8	116	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.02
35	S	Dibromofluoromethane	50.000	45.612	8.8	108	0.01
36	T	1,1-Dichloropropene	50.000	44.215	11.6	95	0.02
37	T	Ethyl Acetate	50.000	52.738	-5.5	119	0.03
38	T	Carbon Tetrachloride	50.000	45.759	8.5	98	0.02
39	T	Methylcyclohexane	50.000	43.804	12.4	93	0.01
40	TM	Benzene	50.000	45.461	9.1	97	0.02
41	T	Methacrylonitrile	50.000	40.695	18.6	102	0.00
42	TM	1,2-Dichloroethane	50.000	48.345	3.3	105	0.01
43	T	Isopropyl Acetate	50.000	50.825	-1.7	112	0.02
44	TM	Trichloroethene	50.000	47.930	4.1	103	0.01
45	C	1,2-Dichloropropane	50.000	45.978	8.0#	98	0.01
46	T	Dibromomethane	50.000	48.848	2.3	105	0.02
47	T	Bromodichloromethane	50.000	48.009	4.0	103	0.02
48	T	Methyl methacrylate	50.000	52.007	-4.0	113	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1237.306	-23.7	142	0.05
50	S	Toluene-d8	50.000	46.740	6.5	117	0.01
51	T	4-Methyl-2-Pentanone	250.000	271.639	-8.7	120	0.01
52	CM	Toluene	50.000	46.436	7.1#	98	0.01
53	T	t-1,3-Dichloropropene	50.000	47.237	5.5	100	0.01
54	T	cis-1,3-Dichloropropene	50.000	45.807	8.4	98	0.01
55	T	1,1,2-Trichloroethane	50.000	48.650	2.7	106	0.01
56	T	Ethyl methacrylate	50.000	50.949	-1.9	107	0.01
57	T	1,3-Dichloropropane	50.000	48.836	2.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	208.353	16.7	97	0.01
59	T	2-Hexanone	250.000	272.902	-9.2	122	0.01
60	T	Dibromochloromethane	50.000	49.610	0.8	107	0.00
61	T	1,2-Dibromoethane	50.000	49.557	0.9	109	0.01
62	S	4-Bromofluorobenzene	50.000	45.955	8.1	112	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	51.562	-3.1	113	0.01
65	PM	Chlorobenzene	50.000	45.509	9.0	101	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	47.513	5.0	103	0.01
67	C	Ethyl Benzene	50.000	45.576	8.8#	98	0.01
68	T	m/p-Xylenes	100.000	91.893	8.1	99	0.00
69	T	o-Xylene	50.000	46.287	7.4	99	0.01
70	T	Styrene	50.000	47.507	5.0	101	0.00
71	P	Bromoform	50.000	52.335	-4.7	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.01
73	T	Isopropylbenzene	50.000	46.487	7.0	101	0.01
74	T	N-amyl acetate	50.000	49.871	0.3	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.311	1.4	111	0.00
76	T	1,2,3-Trichloropropane	50.000	53.396	-6.8	115	0.01
77	T	Bromobenzene	50.000	47.458	5.1	104	0.01
78	T	n-propylbenzene	50.000	46.026	7.9	98	0.01
79	T	2-Chlorotoluene	50.000	46.867	6.3	100	0.01
80	T	1,3,5-Trimethylbenzene	50.000	46.751	6.5	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.801	0.4	108	0.00
82	T	4-Chlorotoluene	50.000	46.353	7.3	99	0.01
83	T	tert-Butylbenzene	50.000	47.828	4.3	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.234	5.5	100	0.00
85	T	sec-Butylbenzene	50.000	46.994	6.0	100	0.00
86	T	p-Isopropyltoluene	50.000	46.954	6.1	99	0.00
87	T	1,3-Dichlorobenzene	50.000	47.034	5.9	101	0.01
88	T	1,4-Dichlorobenzene	50.000	47.330	5.3	102	0.00
89	T	n-Butylbenzene	50.000	46.090	7.8	98	0.00
90	T	Hexachloroethane	50.000	47.081	5.8	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.562	2.9	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.416	-14.8	132	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.516	3.0	103	0.01
94	T	Hexachlorobutadiene	50.000	48.371	3.3	102	0.00
95	T	Naphthalene	50.000	61.423	-22.8	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.100	-0.2	107	0.00

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