Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
Data File : VD079728.D
Acq On : 14 Aug 2024 09:22
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 01:22:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
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	88	0.00
2	T	Dichlorodifluoromethane	50.000	50.473	-0.9	95	0.00
3	P	Chloromethane	50.000	45.721	8.6	92	0.00
4	C	Vinyl Chloride	50.000	48.941	2.1#	94	0.00
5	T	Bromomethane	50.000	43.945	12.1	86	0.00
6	T	Chloroethane	50.000	49.941	0.1	95	0.00
7	T	Trichlorofluoromethane	50.000	51.102	-2.2	98	0.00
8	T	Diethyl Ether	50.000	53.032	-6.1	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.789	-3.6	98	0.00
10	T	Methyl Iodide	50.000	44.870	10.3	77	0.00
11	T	Tert butyl alcohol	250.000	345.277	-38.1#	161	0.00
12	CM	1,1-Dichloroethene	50.000	50.871	-1.7#	91	0.00
13	T	Acrolein	250.000	248.777	0.5	110	0.00
14	T	Allyl chloride	50.000	49.210	1.6	90	0.00
15	T	Acrylonitrile	250.000	280.231	-12.1	120	0.00
16	T	Acetone	250.000	285.957	-14.4	121	0.00
17	T	Carbon Disulfide	50.000	48.827	2.3	90	0.00
18	T	Methyl Acetate	50.000	49.461	1.1	115	0.00
19	T	Methyl tert-butyl Ether	50.000	56.390	-12.8	115	0.00
20	T	Methylene Chloride	50.000	53.932	-7.9	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.826	-5.7	93	0.00
22	T	Diisopropyl ether	50.000	54.141	-8.3	98	0.00
23	T	Vinyl Acetate	250.000	299.905	-20.0	115	0.00
24	P	1,1-Dichloroethane	50.000	50.209	-0.4	91	0.00
25	T	2-Butanone	250.000	296.474	-18.6	127	0.00
26	T	2,2-Dichloropropane	50.000	51.923	-3.8	94	-0.01
27	T	cis-1,2-Dichloroethene	50.000	51.927	-3.9	95	0.00
28	T	Bromochloromethane	50.000	50.211	-0.4	97	0.00
29	T	Tetrahydrofuran	250.000	292.925	-17.2	134	0.00
30	C	Chloroform	50.000	51.678	-3.4#	96	0.00
31	T	Cyclohexane	50.000	51.208	-2.4	97	0.00
32	T	1,1,1-Trichloroethane	50.000	52.666	-5.3	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.019	-4.0	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	51.195	-2.4	102	0.00
36	T	1,1-Dichloropropene	50.000	56.185	-12.4	96	0.00
37	T	Ethyl Acetate	50.000	55.896	-11.8	127	0.00
38	T	Carbon Tetrachloride	50.000	57.062	-14.1	100	0.00
39	T	Methylcyclohexane	50.000	59.681	-19.4	103	0.00
40	TM	Benzene	50.000	54.303	-8.6	94	0.00
41	T	Methacrylonitrile	50.000	57.675	-15.3	121	0.00
42	TM	1,2-Dichloroethane	50.000	55.819	-11.6	106	0.00
43	T	Isopropyl Acetate	50.000	60.103	-20.2	125	0.00
44	TM	Trichloroethene	50.000	53.076	-6.2	92	0.00
45	C	1,2-Dichloropropane	50.000	54.012	-8.0#	97	0.00
46	T	Dibromomethane	50.000	56.655	-13.3	106	0.00
47	T	Bromodichloromethane	50.000	55.146	-10.3	101	0.00
48	T	Methyl methacrylate	50.000	61.033	-22.1	118	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	1472.823	-47.3#	153	0.00
50	S	Toluene-d8	50.000	54.456	-8.9	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	317.721	-27.1#	134	0.00
52	CM	Toluene	50.000	56.874	-13.7#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	56.135	-12.3	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.937	-11.9	98	0.00
55	T	1,1,2-Trichloroethane	50.000	58.402	-16.8	114	0.00
56	T	Ethyl methacrylate	50.000	61.340	-22.7	125	0.00
57	T	1,3-Dichloropropane	50.000	57.816	-15.6	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	311.932	-24.8	118	0.00
59	T	2-Hexanone	250.000	323.878	-29.6#	141	0.00
60	T	Dibromochloromethane	50.000	57.425	-14.8	110	0.00
61	T	1,2-Dibromoethane	50.000	57.583	-15.2	113	0.00
62	S	4-Bromofluorobenzene	50.000	55.630	-11.3	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	55.324	-10.6	98	0.00
65	PM	Chlorobenzene	50.000	55.321	-10.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.378	-10.8	103	0.00
67	C	Ethyl Benzene	50.000	56.092	-12.2#	95	0.00
68	T	m/p-Xylenes	100.000	116.028	-16.0	99	0.00
69	T	o-Xylene	50.000	57.226	-14.5	97	0.00
70	T	Styrene	50.000	59.025	-18.0	101	0.00
71	P	Bromoform	50.000	58.002	-16.0	119	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	55.531	-11.1	98	0.00
74	T	N-amyl acetate	50.000	61.386	-22.8	129	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.465	-12.9	125	0.00
76	T	1,2,3-Trichloropropane	50.000	55.519	-11.0	117	0.00
77	T	Bromobenzene	50.000	55.164	-10.3	104	0.00
78	T	n-propylbenzene	50.000	56.951	-13.9	101	0.00
79	T	2-Chlorotoluene	50.000	54.797	-9.6	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.928	-13.9	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.074	-18.1	123	0.00
82	T	4-Chlorotoluene	50.000	55.062	-10.1	101	0.00
83	T	tert-Butylbenzene	50.000	57.279	-14.6	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.122	-14.2	100	0.00
85	T	sec-Butylbenzene	50.000	57.937	-15.9	103	0.00
86	T	p-Isopropyltoluene	50.000	58.622	-17.2	103	0.00
87	T	1,3-Dichlorobenzene	50.000	55.460	-10.9	105	0.00
88	T	1,4-Dichlorobenzene	50.000	54.704	-9.4	105	0.00
89	T	n-Butylbenzene	50.000	58.650	-17.3	104	0.00
90	T	Hexachloroethane	50.000	53.598	-7.2	101	0.00
91	T	1,2-Dichlorobenzene	50.000	55.507	-11.0	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.579	-13.2	135	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.632	-17.3	114	0.00
94	T	Hexachlorobutadiene	50.000	59.465	-18.9	110	0.00
95	T	Naphthalene	50.000	64.281	-28.6#	132	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.097	-18.2	120	0.00

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