Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
Data File : VD077424.D
Acq On : 25 Oct 2023 19:45
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 26 08:55:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	125	0.00
2	T	Dichlorodifluoromethane	50.000	39.766	20.5	105	0.00
3	P	Chloromethane	50.000	37.030	25.9#	94	0.00
4	C	Vinyl Chloride	50.000	31.157	37.7#	77	0.00
5	T	Bromomethane	50.000	29.743	40.5#	78	0.00
6	T	Chloroethane	50.000	24.360	51.3#	62	0.00
7	T	Trichlorofluoromethane	50.000	27.374	45.3#	72	0.00
8	T	Diethyl Ether	50.000	37.070	25.9#	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	32.213	35.6#	93	0.00
10	T	Methyl Iodide	50.000	33.085	33.8#	86	0.00
11	T	Tert butyl alcohol	250.000	192.836	22.9	107	-0.01
12	CM	1,1-Dichloroethene	50.000	35.159	29.7#	100	0.00
13	T	Acrolein	250.000	263.860	-5.5	178	0.00
14	T	Allyl chloride	50.000	42.718	14.6	117	0.00
15	T	Acrylonitrile	250.000	271.777	-8.7	136	0.00
16	T	Acetone	250.000	174.487	30.2#	104	0.00
17	T	Carbon Disulfide	50.000	35.340	29.3#	96	0.00
18	T	Methyl Acetate	50.000	43.722	12.6	123	0.00
19	T	Methyl tert-butyl Ether	50.000	48.455	3.1	117	0.00
20	T	Methylene Chloride	50.000	73.813	-47.6#	171	-0.01
21	T	trans-1,2-Dichloroethene	50.000	41.829	16.3	103	0.00
22	T	Diisopropyl ether	50.000	61.234	-22.5	141	0.00
23	T	Vinyl Acetate	250.000	300.248	-20.1	163	0.00
24	P	1,1-Dichloroethane	50.000	47.211	5.6	117	0.00
25	T	2-Butanone	250.000	309.132	-23.7	152	0.00
26	T	2,2-Dichloropropane	50.000	47.338	5.3	119	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.797	0.4	123	0.00
28	T	Bromochloromethane	50.000	63.176	-26.4#	163	0.00
29	T	Tetrahydrofuran	250.000	356.645	-42.7#	172	0.00
30	C	Chloroform	50.000	50.448	-0.9#	124	0.00
31	T	Cyclohexane	50.000	59.275	-18.5	155	0.00
32	T	1,1,1-Trichloroethane	50.000	47.736	4.5	118	0.00
33	S	1,2-Dichloroethane-d4	50.000	63.971	-27.9#	172	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	159	0.00
35	S	Dibromofluoromethane	50.000	44.063	11.9	155	0.00
36	T	1,1-Dichloropropene	50.000	42.041	15.9	132	0.00
37	T	Ethyl Acetate	50.000	47.335	5.3	165	0.00
38	T	Carbon Tetrachloride	50.000	35.347	29.3#	114	0.00
39	T	Methylcyclohexane	50.000	42.364	15.3	133	0.00
40	TM	Benzene	50.000	45.762	8.5	142	0.00
41	T	Methacrylonitrile	50.000	65.353	-30.7#	178	0.00
42	TM	1,2-Dichloroethane	50.000	41.852	16.3	131	0.00
43	T	Isopropyl Acetate	50.000	54.141	-8.3	171	0.00
44	TM	Trichloroethene	50.000	35.502	29.0#	112	0.00
45	C	1,2-Dichloropropane	50.000	49.994	0.0#	155	0.00
46	T	Dibromomethane	50.000	41.769	16.5	131	0.00
47	T	Bromodichloromethane	50.000	41.940	16.1	132	0.00
48	T	Methyl methacrylate	50.000	57.239	-14.5	176	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	807.988	19.2	128	0.00
50	S	Toluene-d8	50.000	56.557	-13.1	192	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.944	-21.6	183	0.00
52	CM	Toluene	50.000	46.012	8.0#	140	0.00
53	T	t-1,3-Dichloropropene	50.000	48.490	3.0	147	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.847	4.3	147	0.00
55	T	1,1,2-Trichloroethane	50.000	46.820	6.4	146	0.00
56	T	Ethyl methacrylate	50.000	58.371	-16.7	174	0.00
57	T	1,3-Dichloropropane	50.000	51.164	-2.3	160	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.820	-15.1	175	0.00
59	T	2-Hexanone	250.000	312.844	-25.1#	188	0.00
60	T	Dibromochloromethane	50.000	40.587	18.8	128	0.00
61	T	1,2-Dibromoethane	50.000	43.702	12.6	137	0.00
62	S	4-Bromofluorobenzene	50.000	58.878	-17.8	195	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	178	0.00
64	T	Tetrachloroethene	50.000	31.215	37.6#	112	0.00
65	PM	Chlorobenzene	50.000	39.320	21.4	139	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	37.281	25.4#	133	0.00
67	C	Ethyl Benzene	50.000	41.953	16.1#	143	0.00
68	T	m/p-Xylenes	100.000	80.189	19.8	136	0.00
69	T	o-Xylene	50.000	40.675	18.7	138	0.00
70	T	Styrene	50.000	41.690	16.6	137	0.00
71	P	Bromoform	50.000	37.505	25.0	131	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73	T	Isopropylbenzene	50.000	58.545	-17.1	137	0.00
74	T	N-amyl acetate	50.000	74.656	-49.3#	181	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	61.413	-22.8	152	0.00
76	T	1,2,3-Trichloropropane	50.000	36.304	27.4#	86	0.00
77	T	Bromobenzene	50.000	52.974	-5.9	127	0.00
78	T	n-propylbenzene	50.000	57.766	-15.5	134	0.00
79	T	2-Chlorotoluene	50.000	57.255	-14.5	137	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.176	-14.4	133	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	64.318	-28.6#	152	0.00
82	T	4-Chlorotoluene	50.000	57.988	-16.0	139	0.00
83	T	tert-Butylbenzene	50.000	50.967	-1.9	123	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.428	1.1	113	0.00
85	T	sec-Butylbenzene	50.000	42.794	14.4	101	0.00
86	T	p-Isopropyltoluene	50.000	40.643	18.7	95	0.00
87	T	1,3-Dichlorobenzene	50.000	39.548	20.9	95	0.00
88	T	1,4-Dichlorobenzene	50.000	39.116	21.8	97	0.00
89	T	n-Butylbenzene	50.000	42.277	15.4	100	0.00
90	T	Hexachloroethane	50.000	39.447	21.1	95	0.00
91	T	1,2-Dichlorobenzene	50.000	39.930	20.1	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.195	7.6	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	39.082	21.8	95	0.00
94	T	Hexachlorobutadiene	50.000	36.668	26.7#	92	0.00
95	T	Naphthalene	50.000	42.370	15.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	39.156	21.7	94	0.00

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