Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
Data File : VD078490.D
Acq On : 20 Feb 2024 18:21
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 05:28:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	54.471	-8.9	83	0.00
3	P	Chloromethane	50.000	56.221	-12.4	92	0.00
4	C	Vinyl Chloride	50.000	54.079	-8.2#	90	0.00
5	T	Bromomethane	50.000	56.630	-13.3	98	0.00
6	T	Chloroethane	50.000	54.063	-8.1	93	0.00
7	T	Trichlorofluoromethane	50.000	51.041	-2.1	84	0.00
8	T	Diethyl Ether	50.000	54.419	-8.8	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.892	-3.8	87	0.00
10	T	Methyl Iodide	50.000	56.409	-12.8	91	0.00
11	T	Tert butyl alcohol	250.000	299.619	-19.8	109	0.02
12	CM	1,1-Dichloroethene	50.000	52.995	-6.0#	88	-0.01
13	T	Acrolein	250.000	147.134	41.1#	60	0.00
14	T	Allyl chloride	50.000	50.292	-0.6	85	-0.01
15	T	Acrylonitrile	250.000	289.904	-16.0	100	0.00
16	T	Acetone	250.000	265.007	-6.0	84	0.00
17	T	Carbon Disulfide	50.000	47.485	5.0	81	0.00
18	T	Methyl Acetate	50.000	70.774	-41.5#	109	-0.01
19	T	Methyl tert-butyl Ether	50.000	59.123	-18.2	102	0.00
20	T	Methylene Chloride	50.000	58.845	-17.7	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.201	-4.4	87	0.00
22	T	Diisopropyl ether	50.000	54.315	-8.6	90	0.00
23	T	Vinyl Acetate	250.000	274.689	-9.9	98	0.00
24	P	1,1-Dichloroethane	50.000	53.625	-7.2	90	0.00
25	T	2-Butanone	250.000	293.512	-17.4	97	0.00
26	T	2,2-Dichloropropane	50.000	50.849	-1.7	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.924	-9.8	93	0.00
28	T	Bromochloromethane	50.000	49.624	0.8	78	0.00
29	T	Tetrahydrofuran	250.000	298.524	-19.4	104	0.00
30	C	Chloroform	50.000	54.951	-9.9#	92	0.00
31	T	Cyclohexane	50.000	46.688	6.6	78	0.00
32	T	1,1,1-Trichloroethane	50.000	53.404	-6.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.249	5.5	82	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	51.107	-2.2	86	0.00
36	T	1,1-Dichloropropene	50.000	53.286	-6.6	88	0.00
37	T	Ethyl Acetate	50.000	58.352	-16.7	108	0.00
38	T	Carbon Tetrachloride	50.000	53.106	-6.2	87	0.00
39	T	Methylcyclohexane	50.000	52.397	-4.8	82	0.00
40	TM	Benzene	50.000	55.179	-10.4	91	0.00
41	T	Methacrylonitrile	50.000	54.642	-9.3	91	0.00
42	TM	1,2-Dichloroethane	50.000	55.144	-10.3	97	0.00
43	T	Isopropyl Acetate	50.000	59.765	-19.5	101	0.00
44	TM	Trichloroethene	50.000	56.732	-13.5	94	0.00
45	C	1,2-Dichloropropane	50.000	55.515	-11.0#	94	0.00
46	T	Dibromomethane	50.000	57.896	-15.8	99	0.00
47	T	Bromodichloromethane	50.000	55.398	-10.8	92	0.00
48	T	Methyl methacrylate	50.000	64.464	-28.9#	99	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	1324.286	-32.4#	117	0.00
50	S	Toluene-d8	50.000	49.452	1.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	306.508	-22.6	106	0.00
52	CM	Toluene	50.000	56.310	-12.6#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	58.251	-16.5	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.600	-13.2	95	0.00
55	T	1,1,2-Trichloroethane	50.000	60.938	-21.9	104	0.00
56	T	Ethyl methacrylate	50.000	55.443	-10.9	109	0.00
57	T	1,3-Dichloropropane	50.000	58.555	-17.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.952	-6.0	81	0.00
59	T	2-Hexanone	250.000	292.427	-17.0	105	0.00
60	T	Dibromochloromethane	50.000	61.000	-22.0	103	0.00
61	T	1,2-Dibromoethane	50.000	61.875	-23.8	103	0.00
62	S	4-Bromofluorobenzene	50.000	49.204	1.6	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	55.498	-11.0	94	0.00
65	PM	Chlorobenzene	50.000	56.496	-13.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.197	-16.4	100	0.00
67	C	Ethyl Benzene	50.000	56.523	-13.0#	93	0.00
68	T	m/p-Xylenes	100.000	114.767	-14.8	92	0.00
69	T	o-Xylene	50.000	58.519	-17.0	96	0.00
70	T	Styrene	50.000	56.388	-12.8	99	0.00
71	P	Bromoform	50.000	63.736	-27.5#	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	54.956	-9.9	93	0.00
74	T	N-amyl acetate	50.000	54.342	-8.7	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.740	-17.5	113	0.00
76	T	1,2,3-Trichloropropane	50.000	63.417	-26.8#	133	0.00
77	T	Bromobenzene	50.000	56.566	-13.1	100	0.00
78	T	n-propylbenzene	50.000	54.117	-8.2	92	0.00
79	T	2-Chlorotoluene	50.000	53.588	-7.2	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.601	-11.2	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.370	-10.7	102	0.00
82	T	4-Chlorotoluene	50.000	53.908	-7.8	94	0.00
83	T	tert-Butylbenzene	50.000	55.917	-11.8	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.251	-12.5	94	0.00
85	T	sec-Butylbenzene	50.000	53.943	-7.9	93	0.00
86	T	p-Isopropyltoluene	50.000	56.905	-13.8	93	0.00
87	T	1,3-Dichlorobenzene	50.000	55.630	-11.3	97	0.00
88	T	1,4-Dichlorobenzene	50.000	56.443	-12.9	101	0.00
89	T	n-Butylbenzene	50.000	54.567	-9.1	90	0.00
90	T	Hexachloroethane	50.000	53.505	-7.0	96	0.00
91	T	1,2-Dichlorobenzene	50.000	58.011	-16.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	60.108	-20.2	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.382	-18.8	103	0.00
94	T	Hexachlorobutadiene	50.000	56.748	-13.5	97	0.00
95	T	Naphthalene	50.000	65.232	-30.5#	117	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.263	-22.5	106	0.00

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