Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
Data File : VD077963.D
Acq On : 19 Dec 2023 09:52
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: Dec 20 01:58:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	40.088	19.8	70	0.00
3	P	Chloromethane	50.000	46.743	6.5	80	0.00
4	C	Vinyl Chloride	50.000	50.741	-1.5#	84	0.00
5	T	Bromomethane	50.000	69.670	-39.3#	114	0.00
6	T	Chloroethane	50.000	54.293	-8.6	90	0.00
7	T	Trichlorofluoromethane	50.000	49.013	2.0	81	0.00
8	T	Diethyl Ether	50.000	50.308	-0.6	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.154	-6.3	87	0.01
10	T	Methyl Iodide	50.000	52.609	-5.2	88	0.00
11	T	Tert butyl alcohol	250.000	260.998	-4.4	90	0.00
12	CM	1,1-Dichloroethene	50.000	48.621	2.8#	80	0.00
13	T	Acrolein	250.000	150.239	39.9#	51	0.00
14	T	Allyl chloride	50.000	45.697	8.6	76	0.00
15	T	Acrylonitrile	250.000	258.244	-3.3	87	0.00
16	T	Acetone	250.000	300.258	-20.1	107	0.00
17	T	Carbon Disulfide	50.000	42.412	15.2	70	0.00
18	T	Methyl Acetate	50.000	56.120	-12.2	94	0.00
19	T	Methyl tert-butyl Ether	50.000	53.495	-7.0	89	0.00
20	T	Methylene Chloride	50.000	51.383	-2.8	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.232	-4.5	83	0.01
22	T	Diisopropyl ether	50.000	50.055	-0.1	81	0.00
23	T	Vinyl Acetate	250.000	235.910	5.6	77	0.00
24	P	1,1-Dichloroethane	50.000	51.205	-2.4	84	0.00
25	T	2-Butanone	250.000	278.294	-11.3	99	0.00
26	T	2,2-Dichloropropane	50.000	52.552	-5.1	87	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.992	-10.0	89	0.00
28	T	Bromochloromethane	50.000	52.083	-4.2	86	0.00
29	T	Tetrahydrofuran	250.000	246.624	1.4	83	0.00
30	C	Chloroform	50.000	54.339	-8.7#	89	0.00
31	T	Cyclohexane	50.000	45.252	9.5	76	0.00
32	T	1,1,1-Trichloroethane	50.000	53.827	-7.7	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.961	4.1	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	51.869	-3.7	84	0.00
36	T	1,1-Dichloropropene	50.000	51.552	-3.1	82	0.00
37	T	Ethyl Acetate	50.000	41.730	16.5	77	0.00
38	T	Carbon Tetrachloride	50.000	53.541	-7.1	86	0.00
39	T	Methylcyclohexane	50.000	51.473	-2.9	80	0.00
40	TM	Benzene	50.000	52.858	-5.7	85	0.00
41	T	Methacrylonitrile	50.000	54.675	-9.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	53.921	-7.8	88	0.00
43	T	Isopropyl Acetate	50.000	49.924	0.2	84	0.00
44	TM	Trichloroethene	50.000	52.835	-5.7	84	0.00
45	C	1,2-Dichloropropane	50.000	55.691	-11.4#	90	0.00
46	T	Dibromomethane	50.000	58.619	-17.2	95	0.00
47	T	Bromodichloromethane	50.000	57.190	-14.4	92	0.00
48	T	Methyl methacrylate	50.000	49.775	0.5	82	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	1143.075	-14.3	107	0.00
50	S	Toluene-d8	50.000	51.225	-2.5	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.375	-2.5	84	0.00
52	CM	Toluene	50.000	55.072	-10.1#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	55.524	-11.0	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.940	-9.9	88	0.00
55	T	1,1,2-Trichloroethane	50.000	57.592	-15.2	94	0.00
56	T	Ethyl methacrylate	50.000	54.797	-9.6	88	0.00
57	T	1,3-Dichloropropane	50.000	55.437	-10.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	183.927	26.4#	65	0.00
59	T	2-Hexanone	250.000	240.402	3.8	90	0.00
60	T	Dibromochloromethane	50.000	60.235	-20.5	97	0.00
61	T	1,2-Dibromoethane	50.000	57.016	-14.0	94	0.00
62	S	4-Bromofluorobenzene	50.000	52.158	-4.3	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	53.243	-6.5	86	0.00
65	PM	Chlorobenzene	50.000	53.556	-7.1	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.698	-13.4	92	0.00
67	C	Ethyl Benzene	50.000	55.881	-11.8#	90	0.00
68	T	m/p-Xylenes	100.000	113.254	-13.3	89	0.00
69	T	o-Xylene	50.000	55.528	-11.1	88	0.00
70	T	Styrene	50.000	58.423	-16.8	92	0.00
71	P	Bromoform	50.000	58.796	-17.6	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	51.816	-3.6	89	0.00
74	T	N-amyl acetate	50.000	44.434	11.1	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.872	-3.7	92	0.00
76	T	1,2,3-Trichloropropane	50.000	59.001	-18.0	92	0.00
77	T	Bromobenzene	50.000	51.460	-2.9	92	0.00
78	T	n-propylbenzene	50.000	51.732	-3.5	88	0.00
79	T	2-Chlorotoluene	50.000	51.469	-2.9	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.664	-5.3	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.498	1.0	90	0.00
82	T	4-Chlorotoluene	50.000	52.778	-5.6	92	0.00
83	T	tert-Butylbenzene	50.000	53.426	-6.9	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.436	-6.9	91	0.00
85	T	sec-Butylbenzene	50.000	54.568	-9.1	93	0.00
86	T	p-Isopropyltoluene	50.000	55.068	-10.1	92	0.00
87	T	1,3-Dichlorobenzene	50.000	54.414	-8.8	94	0.00
88	T	1,4-Dichlorobenzene	50.000	53.497	-7.0	94	0.00
89	T	n-Butylbenzene	50.000	54.097	-8.2	90	0.00
90	T	Hexachloroethane	50.000	57.515	-15.0	99	0.00
91	T	1,2-Dichlorobenzene	50.000	54.088	-8.2	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.949	-5.9	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.622	0.8	92	0.00
94	T	Hexachlorobutadiene	50.000	52.762	-5.5	91	0.00
95	T	Naphthalene	50.000	53.169	-6.3	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.540	-3.1	93	0.00

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