Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
Data File : VD077357.D
Acq On : 19 Oct 2023 16:53
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 20 08:24:30 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	62.388	-24.8	121	0.00
3	P	Chloromethane	50.000	52.174	-4.3	97	0.00
4	C	Vinyl Chloride	50.000	54.782	-9.6#	99	0.00
5	T	Bromomethane	50.000	57.364	-14.7	111	0.00
6	T	Chloroethane	50.000	56.252	-12.5	105	0.00
7	T	Trichlorofluoromethane	50.000	45.595	8.8	88	0.00
8	T	Diethyl Ether	50.000	38.886	22.2	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.231	9.5	96	0.00
10	T	Methyl Iodide	50.000	37.642	24.7	72	0.00
11	T	Tert butyl alcohol	250.000	245.467	1.8	100	0.00
12	CM	1,1-Dichloroethene	50.000	41.796	16.4#	87	0.00
13	T	Acrolein	250.000	186.371	25.5#	92	0.00
14	T	Allyl chloride	50.000	49.388	1.2	99	0.00
15	T	Acrylonitrile	250.000	287.923	-15.2	106	0.00
16	T	Acetone	250.000	250.844	-0.3	109	0.00
17	T	Carbon Disulfide	50.000	46.120	7.8	92	0.00
18	T	Methyl Acetate	50.000	53.807	-7.6	111	0.00
19	T	Methyl tert-butyl Ether	50.000	53.921	-7.8	96	0.00
20	T	Methylene Chloride	50.000	59.747	-19.5	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.857	-1.7	92	0.00
22	T	Diisopropyl ether	50.000	61.519	-23.0	104	0.00
23	T	Vinyl Acetate	250.000	314.364	-25.7#	125	0.00
24	P	1,1-Dichloroethane	50.000	53.811	-7.6	98	0.00
25	T	2-Butanone	250.000	291.896	-16.8	106	0.00
26	T	2,2-Dichloropropane	50.000	51.042	-2.1	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.525	1.0	90	0.00
28	T	Bromochloromethane	50.000	50.418	-0.8	95	0.00
29	T	Tetrahydrofuran	250.000	311.853	-24.7	110	0.00
30	C	Chloroform	50.000	51.877	-3.8#	94	0.00
31	T	Cyclohexane	50.000	53.474	-6.9	103	0.00
32	T	1,1,1-Trichloroethane	50.000	51.176	-2.4	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.445	-2.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	45.678	8.6	96	0.00
36	T	1,1-Dichloropropene	50.000	51.483	-3.0	97	0.00
37	T	Ethyl Acetate	50.000	55.536	-11.1	116	0.00
38	T	Carbon Tetrachloride	50.000	47.368	5.3	91	0.00
39	T	Methylcyclohexane	50.000	49.395	1.2	93	0.00
40	TM	Benzene	50.000	50.726	-1.5	94	0.00
41	T	Methacrylonitrile	50.000	59.629	-19.3	97	0.00
42	TM	1,2-Dichloroethane	50.000	52.126	-4.3	98	0.00
43	T	Isopropyl Acetate	50.000	58.417	-16.8	111	0.00
44	TM	Trichloroethene	50.000	45.050	9.9	85	0.00
45	C	1,2-Dichloropropane	50.000	53.604	-7.2#	100	0.00
46	T	Dibromomethane	50.000	49.661	0.7	93	0.00
47	T	Bromodichloromethane	50.000	49.305	1.4	93	0.00
48	T	Methyl methacrylate	50.000	58.675	-17.3	108	0.00

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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)
49	T	1,4-Dioxane	1000.000	1049.028	-4.9	101	0.00
50	S	Toluene-d8	50.000	48.275	3.5	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.437	-21.4	110	0.00
52	CM	Toluene	50.000	50.489	-1.0#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	52.412	-4.8	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.559	-1.1	93	0.00
55	T	1,1,2-Trichloroethane	50.000	49.257	1.5	92	0.00
56	T	Ethyl methacrylate	50.000	53.456	-6.9	95	0.00
57	T	1,3-Dichloropropane	50.000	51.861	-3.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.144	-9.3	99	0.00
59	T	2-Hexanone	250.000	299.854	-19.9	108	0.00
60	T	Dibromochloromethane	50.000	47.213	5.6	89	0.00
61	T	1,2-Dibromoethane	50.000	49.078	1.8	92	0.00
62	S	4-Bromofluorobenzene	50.000	48.303	3.4	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	43.021	14.0	83	0.00
65	PM	Chlorobenzene	50.000	46.669	6.7	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.809	8.4	87	0.00
67	C	Ethyl Benzene	50.000	50.551	-1.1#	92	0.00
68	T	m/p-Xylenes	100.000	100.021	-0.0	91	0.00
69	T	o-Xylene	50.000	48.961	2.1	89	0.00
70	T	Styrene	50.000	50.569	-1.1	89	0.00
71	P	Bromoform	50.000	44.410	11.2	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	49.064	1.9	89	0.00
74	T	N-amyl acetate	50.000	57.017	-14.0	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.035	-6.1	102	0.00
76	T	1,2,3-Trichloropropane	50.000	54.655	-9.3	103	0.00
77	T	Bromobenzene	50.000	45.514	9.0	85	0.00
78	T	n-propylbenzene	50.000	51.769	-3.5	94	0.00
79	T	2-Chlorotoluene	50.000	49.575	0.8	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.560	-1.1	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.467	-8.9	100	0.00
82	T	4-Chlorotoluene	50.000	50.281	-0.6	93	0.00
83	T	tert-Butylbenzene	50.000	48.115	3.8	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.478	-1.0	90	0.00
85	T	sec-Butylbenzene	50.000	50.494	-1.0	93	0.00
86	T	p-Isopropyltoluene	50.000	49.487	1.0	90	0.00
87	T	1,3-Dichlorobenzene	50.000	46.353	7.3	87	0.00
88	T	1,4-Dichlorobenzene	50.000	45.375	9.3	87	0.00
89	T	n-Butylbenzene	50.000	52.369	-4.7	96	0.00
90	T	Hexachloroethane	50.000	47.745	4.5	90	0.00
91	T	1,2-Dichlorobenzene	50.000	47.093	5.8	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.359	-10.7	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.218	13.6	81	0.00
94	T	Hexachlorobutadiene	50.000	40.939	18.1	80	0.00
95	T	Naphthalene	50.000	46.425	7.2	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.714	12.6	82	0.00

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