Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
Data File : VD078381.D
Acq On : 08 Feb 2024 20:46
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 03:15:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 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	72	0.00
2	T	Dichlorodifluoromethane	50.000	58.069	-16.1	80	0.00
3	P	Chloromethane	50.000	64.143	-28.3#	97	0.00
4	C	Vinyl Chloride	50.000	61.829	-23.7#	91	-0.01
5	T	Bromomethane	50.000	50.712	-1.4	82	-0.01
6	T	Chloroethane	50.000	64.376	-28.8#	99	-0.01
7	T	Trichlorofluoromethane	50.000	56.222	-12.4	84	-0.01
8	T	Diethyl Ether	50.000	67.508	-35.0#	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.338	-10.7	86	-0.01
10	T	Methyl Iodide	50.000	58.281	-16.6	79	-0.02
11	T	Tert butyl alcohol	250.000	338.786	-35.5#	110	0.02
12	CM	1,1-Dichloroethene	50.000	56.047	-12.1#	84	0.00
13	T	Acrolein	250.000	202.660	18.9	65	0.00
14	T	Allyl chloride	50.000	59.241	-18.5	86	0.00
15	T	Acrylonitrile	250.000	331.151	-32.5#	97	0.00
16	T	Acetone	250.000	273.267	-9.3	76	0.00
17	T	Carbon Disulfide	50.000	56.997	-14.0	86	-0.01
18	T	Methyl Acetate	50.000	76.210	-52.4#	98	0.00
19	T	Methyl tert-butyl Ether	50.000	70.357	-40.7#	99	-0.01
20	T	Methylene Chloride	50.000	80.323	-60.6#	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	61.414	-22.8	89	-0.01
22	T	Diisopropyl ether	50.000	66.406	-32.8#	93	0.00
23	T	Vinyl Acetate	250.000	328.835	-31.5#	95	0.00
24	P	1,1-Dichloroethane	50.000	61.909	-23.8	91	0.00
25	T	2-Butanone	250.000	305.435	-22.2	92	0.00
26	T	2,2-Dichloropropane	50.000	54.738	-9.5	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	64.145	-28.3#	93	0.00
28	T	Bromochloromethane	50.000	46.537	6.9	66	0.00
29	T	Tetrahydrofuran	250.000	360.488	-44.2#	102	0.00
30	C	Chloroform	50.000	66.192	-32.4#	96	-0.01
31	T	Cyclohexane	50.000	54.532	-9.1	82	0.00
32	T	1,1,1-Trichloroethane	50.000	61.529	-23.1	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.425	3.2	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35	S	Dibromofluoromethane	50.000	46.673	6.7	70	0.00
36	T	1,1-Dichloropropene	50.000	59.007	-18.0	87	0.00
37	T	Ethyl Acetate	50.000	65.888	-31.8#	104	0.00
38	T	Carbon Tetrachloride	50.000	61.005	-22.0	92	0.00
39	T	Methylcyclohexane	50.000	58.492	-17.0	86	0.00
40	TM	Benzene	50.000	61.650	-23.3	91	0.00
41	T	Methacrylonitrile	50.000	65.903	-31.8#	92	0.00
42	TM	1,2-Dichloroethane	50.000	64.634	-29.3#	98	0.00
43	T	Isopropyl Acetate	50.000	70.369	-40.7#	102	0.00
44	TM	Trichloroethene	50.000	61.249	-22.5	92	0.00
45	C	1,2-Dichloropropane	50.000	63.365	-26.7#	94	0.00
46	T	Dibromomethane	50.000	65.326	-30.7#	97	0.00
47	T	Bromodichloromethane	50.000	66.799	-33.6#	97	0.00
48	T	Methyl methacrylate	50.000	72.410	-44.8#	104	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	1531.847	-53.2#	116	0.00
50	S	Toluene-d8	50.000	44.335	11.3	63	0.00
51	T	4-Methyl-2-Pentanone	250.000	362.104	-44.8#	104	0.00
52	CM	Toluene	50.000	63.945	-27.9#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	65.145	-30.3#	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	65.380	-30.8#	95	0.00
55	T	1,1,2-Trichloroethane	50.000	68.537	-37.1#	98	0.00
56	T	Ethyl methacrylate	50.000	72.274	-44.5#	99	0.00
57	T	1,3-Dichloropropane	50.000	69.652	-39.3#	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.203	-1.7	70	0.00
59	T	2-Hexanone	250.000	339.276	-35.7#	101	0.00
60	T	Dibromochloromethane	50.000	70.983	-42.0#	103	0.00
61	T	1,2-Dibromoethane	50.000	67.507	-35.0#	100	0.00
62	S	4-Bromofluorobenzene	50.000	46.883	6.2	67	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	64.213	-28.4#	101	0.00
65	PM	Chlorobenzene	50.000	61.464	-22.9	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	64.076	-28.2#	102	0.00
67	C	Ethyl Benzene	50.000	62.133	-24.3#	95	0.00
68	T	m/p-Xylenes	100.000	125.044	-25.0#	95	0.00
69	T	o-Xylene	50.000	64.264	-28.5#	96	0.00
70	T	Styrene	50.000	66.127	-32.3#	98	0.00
71	P	Bromoform	50.000	72.066	-44.1#	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	58.123	-16.2	93	0.00
74	T	N-amyl acetate	50.000	65.348	-30.7#	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	63.065	-26.1#	105	0.00
76	T	1,2,3-Trichloropropane	50.000	62.676	-25.4#	121	0.00
77	T	Bromobenzene	50.000	61.445	-22.9	102	0.00
78	T	n-propylbenzene	50.000	58.525	-17.0	93	0.00
79	T	2-Chlorotoluene	50.000	60.840	-21.7	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	61.174	-22.3	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.661	-17.3	94	0.00
82	T	4-Chlorotoluene	50.000	60.065	-20.1	98	0.00
83	T	tert-Butylbenzene	50.000	57.788	-15.6	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	61.393	-22.8	96	0.00
85	T	sec-Butylbenzene	50.000	59.135	-18.3	96	0.00
86	T	p-Isopropyltoluene	50.000	60.837	-21.7	98	0.00
87	T	1,3-Dichlorobenzene	50.000	61.144	-22.3	99	0.00
88	T	1,4-Dichlorobenzene	50.000	62.260	-24.5	102	0.00
89	T	n-Butylbenzene	50.000	58.738	-17.5	95	0.00
90	T	Hexachloroethane	50.000	58.934	-17.9	96	0.00
91	T	1,2-Dichlorobenzene	50.000	63.472	-26.9#	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	64.112	-28.2#	108	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	62.586	-25.2#	103	0.00
94	T	Hexachlorobutadiene	50.000	59.068	-18.1	97	0.00
95	T	Naphthalene	50.000	68.560	-37.1#	108	0.00

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	Compound	Amount	Calc.	%Dev Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	66.079	-32.2# 107	0.00

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