Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
Data File : VD078545.D
Acq On : 26 Feb 2024 10:01
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 03:22:40 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	51.032	-2.1	78	0.00
3	P	Chloromethane	50.000	45.051	9.9	73	0.00
4	C	Vinyl Chloride	50.000	46.553	6.9#	77	0.00
5	T	Bromomethane	50.000	52.402	-4.8	91	0.00
6	T	Chloroethane	50.000	46.661	6.7	81	0.00
7	T	Trichlorofluoromethane	50.000	51.634	-3.3	85	0.00
8	T	Diethyl Ether	50.000	50.388	-0.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.430	-2.9	86	0.00
10	T	Methyl Iodide	50.000	58.583	-17.2	94	0.00
11	T	Tert butyl alcohol	250.000	231.123	7.6	85	0.01
12	CM	1,1-Dichloroethene	50.000	52.401	-4.8#	87	0.00
13	T	Acrolein	250.000	254.358	-1.7	103	0.00
14	T	Allyl chloride	50.000	46.075	7.8	78	0.00
15	T	Acrylonitrile	250.000	236.778	5.3	82	0.00
16	T	Acetone	250.000	253.520	-1.4	81	0.00
17	T	Carbon Disulfide	50.000	44.003	12.0	75	0.00
18	T	Methyl Acetate	50.000	56.464	-12.9	85	-0.01
19	T	Methyl tert-butyl Ether	50.000	49.857	0.3	86	0.00
20	T	Methylene Chloride	50.000	55.367	-10.7	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.737	-3.5	87	0.00
22	T	Diisopropyl ether	50.000	48.025	4.0	80	0.00
23	T	Vinyl Acetate	250.000	209.703	16.1	76	0.00
24	P	1,1-Dichloroethane	50.000	49.817	0.4	84	0.00
25	T	2-Butanone	250.000	244.810	2.1	82	0.00
26	T	2,2-Dichloropropane	50.000	53.712	-7.4	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.860	-5.7	89	0.00
28	T	Bromochloromethane	50.000	44.853	10.3	70	0.00
29	T	Tetrahydrofuran	250.000	229.581	8.2	80	0.00
30	C	Chloroform	50.000	51.487	-3.0#	87	0.00
31	T	Cyclohexane	50.000	44.537	10.9	74	0.00
32	T	1,1,1-Trichloroethane	50.000	53.824	-7.6	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.487	-1.0	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	62.955	-25.9#	99	0.00
36	T	1,1-Dichloropropene	50.000	54.540	-9.1	84	0.00
37	T	Ethyl Acetate	50.000	43.545	12.9	75	0.00
38	T	Carbon Tetrachloride	50.000	57.988	-16.0	88	0.00
39	T	Methylcyclohexane	50.000	53.219	-6.4	78	0.00
40	TM	Benzene	50.000	56.086	-12.2	86	0.00
41	T	Methacrylonitrile	50.000	46.259	7.5	72	0.00
42	TM	1,2-Dichloroethane	50.000	52.421	-4.8	85	0.00
43	T	Isopropyl Acetate	50.000	48.496	3.0	76	0.00
44	TM	Trichloroethene	50.000	60.000	-20.0	92	0.00
45	C	1,2-Dichloropropane	50.000	53.341	-6.7#	84	0.00
46	T	Dibromomethane	50.000	55.107	-10.2	88	0.00
47	T	Bromodichloromethane	50.000	56.157	-12.3	87	0.00
48	T	Methyl methacrylate	50.000	53.090	-6.2	76	0.00

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Instrument :
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LabSampleId :
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Quant Time: Feb 27 03:22:40 2024
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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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	1059.536	-6.0	87	0.00
50	S	Toluene-d8	50.000	61.112	-22.2	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.915	2.0	78	0.00
52	CM	Toluene	50.000	57.559	-15.1#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	55.855	-11.7	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.520	-11.0	87	0.00
55	T	1,1,2-Trichloroethane	50.000	55.656	-11.3	89	0.00
56	T	Ethyl methacrylate	50.000	46.553	6.9	85	0.00
57	T	1,3-Dichloropropane	50.000	54.067	-8.1	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.571	-2.6	73	0.00
59	T	2-Hexanone	250.000	242.131	3.1	80	0.00
60	T	Dibromochloromethane	50.000	59.762	-19.5	94	0.00
61	T	1,2-Dibromoethane	50.000	56.602	-13.2	88	0.00
62	S	4-Bromofluorobenzene	50.000	61.672	-23.3	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	59.885	-19.8	92	0.00
65	PM	Chlorobenzene	50.000	58.258	-16.5	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	60.397	-20.8	94	0.00
67	C	Ethyl Benzene	50.000	59.055	-18.1#	88	0.00
68	T	m/p-Xylenes	100.000	119.950	-20.0	87	0.00
69	T	o-Xylene	50.000	58.200	-16.4	87	0.00
70	T	Styrene	50.000	55.739	-11.5	88	0.00
71	P	Bromoform	50.000	59.066	-18.1	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	57.280	-14.6	88	0.00
74	T	N-amyl acetate	50.000	45.128	9.7	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.852	0.3	87	0.00
76	T	1,2,3-Trichloropropane	50.000	53.937	-7.9	103	0.00
77	T	Bromobenzene	50.000	57.261	-14.5	93	0.00
78	T	n-propylbenzene	50.000	55.850	-11.7	87	0.00
79	T	2-Chlorotoluene	50.000	55.063	-10.1	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.080	-16.2	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.715	0.6	84	0.00
82	T	4-Chlorotoluene	50.000	53.683	-7.4	86	0.00
83	T	tert-Butylbenzene	50.000	57.805	-15.6	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.562	-15.1	88	0.00
85	T	sec-Butylbenzene	50.000	55.918	-11.8	88	0.00
86	T	p-Isopropyltoluene	50.000	58.692	-17.4	88	0.00
87	T	1,3-Dichlorobenzene	50.000	57.005	-14.0	91	0.00
88	T	1,4-Dichlorobenzene	50.000	57.735	-15.5	94	0.00
89	T	n-Butylbenzene	50.000	56.147	-12.3	84	0.00
90	T	Hexachloroethane	50.000	56.081	-12.2	92	0.00
91	T	1,2-Dichlorobenzene	50.000	56.916	-13.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.405	-2.8	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	60.687	-21.4	96	0.00
94	T	Hexachlorobutadiene	50.000	62.252	-24.5	97	0.00
95	T	Naphthalene	50.000	56.605	-13.2	92	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	60.904	-21.8	96	0.00

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