Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
Data File : VD078800.D
Acq On : 29 Mar 2024 19:06
Operator : RP/MD
Sample : VSTDCCC050
Misc : 4.99G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 30 00:10:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	48.228	3.5	75	0.00
3	P	Chloromethane	50.000	51.132	-2.3	79	0.00
4	C	Vinyl Chloride	50.000	51.406	-2.8#	78	0.00
5	T	Bromomethane	50.000	48.723	2.6	81	0.00
6	T	Chloroethane	50.000	54.068	-8.1	84	0.00
7	T	Trichlorofluoromethane	50.000	53.540	-7.1	83	0.00
8	T	Diethyl Ether	50.000	57.891	-15.8	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.082	-8.2	85	0.00
10	T	Methyl Iodide	50.000	56.458	-12.9	84	0.00
11	T	Tert butyl alcohol	250.000	322.420	-29.0#	93	0.00
12	CM	1,1-Dichloroethene	50.000	53.124	-6.2#	80	0.00
13	T	Acrolein	250.000	144.379	42.2#	52	0.00
14	T	Allyl chloride	50.000	52.751	-5.5	82	0.00
15	T	Acrylonitrile	250.000	319.800	-27.9#	94	0.00
16	T	Acetone	250.000	257.287	-2.9	75	0.00
17	T	Carbon Disulfide	50.000	47.568	4.9	73	0.00
18	T	Methyl Acetate	50.000	74.127	-48.3#	104	0.00
19	T	Methyl tert-butyl Ether	50.000	64.453	-28.9#	96	0.00
20	T	Methylene Chloride	50.000	65.696	-31.4#	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.974	-11.9	85	0.00
22	T	Diisopropyl ether	50.000	60.801	-21.6	91	0.00
23	T	Vinyl Acetate	250.000	309.391	-23.8	90	0.00
24	P	1,1-Dichloroethane	50.000	57.551	-15.1	90	0.00
25	T	2-Butanone	250.000	290.013	-16.0	88	0.00
26	T	2,2-Dichloropropane	50.000	53.237	-6.5	82	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.714	-13.4	88	0.00
28	T	Bromochloromethane	50.000	58.602	-17.2	77	0.00
29	T	Tetrahydrofuran	250.000	339.211	-35.7#	97	0.00
30	C	Chloroform	50.000	57.878	-15.8#	91	0.00
31	T	Cyclohexane	50.000	49.049	1.9	78	0.00
32	T	1,1,1-Trichloroethane	50.000	55.998	-12.0	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.401	-12.8	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	58.232	-16.5	87	0.00
36	T	1,1-Dichloropropene	50.000	57.054	-14.1	85	0.00
37	T	Ethyl Acetate	50.000	61.297	-22.6	92	0.00
38	T	Carbon Tetrachloride	50.000	58.640	-17.3	89	0.00
39	T	Methylcyclohexane	50.000	57.184	-14.4	82	0.00
40	TM	Benzene	50.000	59.084	-18.2	89	0.00
41	T	Methacrylonitrile	50.000	57.710	-15.4	88	0.00
42	TM	1,2-Dichloroethane	50.000	64.118	-28.2#	94	0.00
43	T	Isopropyl Acetate	50.000	66.593	-33.2#	95	0.00
44	TM	Trichloroethene	50.000	59.360	-18.7	90	0.00
45	C	1,2-Dichloropropane	50.000	62.411	-24.8#	93	0.00
46	T	Dibromomethane	50.000	65.338	-30.7#	98	0.00
47	T	Bromodichloromethane	50.000	64.452	-28.9#	99	0.00
48	T	Methyl methacrylate	50.000	61.915	-23.8	91	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	1232.363	-23.2	90	0.00
50	S	Toluene-d8	50.000	56.368	-12.7	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	349.579	-39.8#	99	0.00
52	CM	Toluene	50.000	60.496	-21.0#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	64.358	-28.7#	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	63.264	-26.5#	94	0.00
55	T	1,1,2-Trichloroethane	50.000	65.612	-31.2#	99	0.00
56	T	Ethyl methacrylate	50.000	68.976	-38.0#	96	0.00
57	T	1,3-Dichloropropane	50.000	65.156	-30.3#	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	349.598	-39.8#	96	0.00
59	T	2-Hexanone	250.000	327.660	-31.1#	92	0.00
60	T	Dibromochloromethane	50.000	68.445	-36.9#	101	0.00
61	T	1,2-Dibromoethane	50.000	65.428	-30.9#	96	0.00
62	S	4-Bromofluorobenzene	50.000	60.765	-21.5	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	58.828	-17.7	90	0.00
65	PM	Chlorobenzene	50.000	59.221	-18.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	62.751	-25.5#	97	0.00
67	C	Ethyl Benzene	50.000	60.600	-21.2#	91	0.00
68	T	m/p-Xylenes	100.000	122.594	-22.6	93	0.00
69	T	o-Xylene	50.000	61.410	-22.8	92	0.00
70	T	Styrene	50.000	64.644	-29.3#	95	0.00
71	P	Bromoform	50.000	67.535	-35.1#	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	55.332	-10.7	92	0.00
74	T	N-amyl acetate	50.000	59.542	-19.1	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.275	-18.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	59.377	-18.8	102	0.00
77	T	Bromobenzene	50.000	60.285	-20.6	102	0.00
78	T	n-propylbenzene	50.000	55.662	-11.3	92	0.00
79	T	2-Chlorotoluene	50.000	54.855	-9.7	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.271	-14.5	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.090	-20.2	99	0.00
82	T	4-Chlorotoluene	50.000	56.088	-12.2	95	0.00
83	T	tert-Butylbenzene	50.000	58.812	-17.6	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.085	-16.2	95	0.00
85	T	sec-Butylbenzene	50.000	57.908	-15.8	95	0.00
86	T	p-Isopropyltoluene	50.000	57.613	-15.2	94	0.00
87	T	1,3-Dichlorobenzene	50.000	56.607	-13.2	96	0.00
88	T	1,4-Dichlorobenzene	50.000	56.936	-13.9	98	0.00
89	T	n-Butylbenzene	50.000	57.043	-14.1	94	0.00
90	T	Hexachloroethane	50.000	55.142	-10.3	95	0.00
91	T	1,2-Dichlorobenzene	50.000	57.773	-15.5	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.342	-18.7	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.897	-13.8	100	0.00
94	T	Hexachlorobutadiene	50.000	57.473	-14.9	102	0.00
95	T	Naphthalene	50.000	63.514	-27.0#	104	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	60.981	-22.0	101	0.00

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