Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
Data File : VY018341.D
Acq On : 20 May 2024 18:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 21 01:29:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 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	63	0.00
2	T	Dichlorodifluoromethane	50.000	41.202	17.6	51	0.00
3	P	Chloromethane	50.000	49.691	0.6	59	0.00
4	C	Vinyl Chloride	50.000	49.411	1.2#	58	0.00
5	T	Bromomethane	50.000	46.766	6.5	58	0.00
6	T	Chloroethane	50.000	50.815	-1.6	60	0.00
7	T	Trichlorofluoromethane	50.000	45.330	9.3	55	0.00
8	T	Diethyl Ether	50.000	49.103	1.8	61	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.585	12.8	53	0.00
10	T	Methyl Iodide	50.000	44.015	12.0	49	0.00
11	T	Tert butyl alcohol	250.000	332.351	-32.9#	84	-0.01
12	CM	1,1-Dichloroethene	50.000	42.711	14.6#	50	0.00
13	T	Acrolein	250.000	311.686	-24.7	94	0.00
14	T	Allyl chloride	50.000	50.033	-0.1	60	-0.01
15	T	Acrylonitrile	250.000	291.557	-16.6	75	0.00
16	T	Acetone	250.000	332.144	-32.9#	84	0.00
17	T	Carbon Disulfide	50.000	41.624	16.8	46	0.00
18	T	Methyl Acetate	50.000	53.780	-7.6	73	0.00
19	T	Methyl tert-butyl Ether	50.000	52.547	-5.1	67	0.00
20	T	Methylene Chloride	50.000	49.494	1.0	64	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.714	10.6	53	0.00
22	T	Diisopropyl ether	50.000	53.153	-6.3	66	0.00
23	T	Vinyl Acetate	250.000	287.660	-15.1	72	0.00
24	P	1,1-Dichloroethane	50.000	50.015	-0.0	60	0.00
25	T	2-Butanone	250.000	305.792	-22.3	79	0.00
26	T	2,2-Dichloropropane	50.000	44.755	10.5	54	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.147	7.7	55	0.00
28	T	Bromochloromethane	50.000	59.375	-18.8	78	0.00
29	T	Tetrahydrofuran	250.000	309.473	-23.8	82	0.00
30	C	Chloroform	50.000	49.369	1.3#	60	0.00
31	T	Cyclohexane	50.000	48.308	3.4	56	-0.01
32	T	1,1,1-Trichloroethane	50.000	45.681	8.6	55	0.00
33	S	1,2-Dichloroethane-d4	50.000	65.184	-30.4#	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35	S	Dibromofluoromethane	50.000	51.656	-3.3	87	0.00
36	T	1,1-Dichloropropene	50.000	42.065	15.9	57	0.00
37	T	Ethyl Acetate	50.000	55.424	-10.8	80	0.00
38	T	Carbon Tetrachloride	50.000	38.142	23.7	51	0.00
39	T	Methylcyclohexane	50.000	39.198	21.6	51	0.00
40	TM	Benzene	50.000	42.349	15.3	57	0.00
41	T	Methacrylonitrile	50.000	52.430	-4.9	71	0.00
42	TM	1,2-Dichloroethane	50.000	47.870	4.3	68	0.00
43	T	Isopropyl Acetate	50.000	52.848	-5.7	78	0.00
44	TM	Trichloroethene	50.000	38.073	23.9	51	0.00
45	C	1,2-Dichloropropane	50.000	45.294	9.4#	62	0.00
46	T	Dibromomethane	50.000	44.299	11.4	64	0.00
47	T	Bromodichloromethane	50.000	44.707	10.6	61	0.00
48	T	Methyl methacrylate	50.000	50.118	-0.2	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	952.485	4.8	69	0.00
50	S	Toluene-d8	50.000	50.062	-0.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.084	-3.2	76	0.00
52	CM	Toluene	50.000	40.932	18.1#	56	0.00
53	T	t-1,3-Dichloropropene	50.000	42.314	15.4	59	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.115	11.8	62	0.00
55	T	1,1,2-Trichloroethane	50.000	44.843	10.3	64	0.00
56	T	Ethyl methacrylate	50.000	45.746	8.5	65	0.00
57	T	1,3-Dichloropropane	50.000	45.696	8.6	65	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	193.004	22.8	64	0.00
59	T	2-Hexanone	250.000	250.919	-0.4	72	0.00
60	T	Dibromochloromethane	50.000	41.904	16.2	59	0.00
61	T	1,2-Dibromoethane	50.000	43.226	13.5	62	0.00
62	S	4-Bromofluorobenzene	50.000	50.556	-1.1	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	39.306	21.4	55	0.00
65	PM	Chlorobenzene	50.000	38.280	23.4	54	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	38.470	23.1	56	0.00
67	C	Ethyl Benzene	50.000	38.857	22.3#	55	0.00
68	T	m/p-Xylenes	100.000	77.781	22.2	55	0.00
69	T	o-Xylene	50.000	38.826	22.3	56	0.00
70	T	Styrene	50.000	39.762	20.5	56	0.00
71	P	Bromoform	50.000	39.173	21.7	57	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	37.195	25.6#	55	0.00
74	T	N-amyl acetate	50.000	44.517	11.0	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.778	16.4	66	0.00
76	T	1,2,3-Trichloropropane	50.000	49.145	1.7	79	0.00
77	T	Bromobenzene	50.000	37.578	24.8	56	0.00
78	T	n-propylbenzene	50.000	37.150	25.7#	55	0.00
79	T	2-Chlorotoluene	50.000	37.271	25.5#	56	0.00
80	T	1,3,5-Trimethylbenzene	50.000	37.434	25.1#	56	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.056	19.9	61	0.00
82	T	4-Chlorotoluene	50.000	36.936	26.1#	56	0.00
83	T	tert-Butylbenzene	50.000	37.463	25.1#	55	0.00
84	T	1,2,4-Trimethylbenzene	50.000	37.592	24.8	56	0.00
85	T	sec-Butylbenzene	50.000	36.506	27.0#	54	0.00
86	T	p-Isopropyltoluene	50.000	37.353	25.3#	55	0.00
87	T	1,3-Dichlorobenzene	50.000	37.695	24.6	57	0.00
88	T	1,4-Dichlorobenzene	50.000	38.027	23.9	57	0.00
89	T	n-Butylbenzene	50.000	37.734	24.5	56	0.00
90	T	Hexachloroethane	50.000	35.073	29.9#	52	0.00
91	T	1,2-Dichlorobenzene	50.000	38.634	22.7	59	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.731	10.5	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	39.360	21.3	60	0.00
94	T	Hexachlorobutadiene	50.000	35.808	28.4#	51	0.00
95	T	Naphthalene	50.000	44.058	11.9	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.460	17.1	63	0.00

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