Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
Data File : VY018669.D
Acq On : 21 Jun 2024 15:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 23:00:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	37.409	25.2#	56	0.00
3	P	Chloromethane	50.000	46.852	6.3	64	0.00
4	C	Vinyl Chloride	50.000	44.675	10.7#	63	0.00
5	T	Bromomethane	50.000	42.177	15.6	62	0.00
6	T	Chloroethane	50.000	42.736	14.5	61	0.00
7	T	Trichlorofluoromethane	50.000	49.660	0.7	71	-0.01
8	T	Diethyl Ether	50.000	47.878	4.2	65	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.371	7.3	67	0.00
10	T	Methyl Iodide	50.000	43.217	13.6	60	-0.01
11	T	Tert butyl alcohol	250.000	85.353	65.9#	39	0.01
12	CM	1,1-Dichloroethene	50.000	43.493	13.0#	62	0.00
13	T	Acrolein	250.000	217.786	12.9	56	0.00
14	T	Allyl chloride	50.000	44.749	10.5	63	0.00
15	T	Acrylonitrile	250.000	215.976	13.6	59	0.00
16	T	Acetone	250.000	177.463	29.0#	48	0.00
17	T	Carbon Disulfide	50.000	39.668	20.7	57	0.00
18	T	Methyl Acetate	50.000	48.051	3.9	61	0.00
19	T	Methyl tert-butyl Ether	50.000	44.007	12.0	62	0.00
20	T	Methylene Chloride	50.000	44.986	10.0	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.858	10.3	63	0.00
22	T	Diisopropyl ether	50.000	46.227	7.5	64	0.00
23	T	Vinyl Acetate	250.000	195.785	21.7	60	0.00
24	P	1,1-Dichloroethane	50.000	44.831	10.3	64	0.00
25	T	2-Butanone	250.000	201.248	19.5	54	0.00
26	T	2,2-Dichloropropane	50.000	36.618	26.8#	54	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.404	9.2	65	0.00
28	T	Bromochloromethane	50.000	45.352	9.3	91	-0.01
29	T	Tetrahydrofuran	250.000	218.789	12.5	59	0.00
30	C	Chloroform	50.000	45.582	8.8#	65	0.00
31	T	Cyclohexane	50.000	42.565	14.9	63	0.00
32	T	1,1,1-Trichloroethane	50.000	45.232	9.5	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.869	-11.7	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	59.104	-18.2	96	0.00
36	T	1,1-Dichloropropene	50.000	44.553	10.9	63	0.00
37	T	Ethyl Acetate	50.000	43.980	12.0	59	0.00
38	T	Carbon Tetrachloride	50.000	46.027	7.9	65	0.00
39	T	Methylcyclohexane	50.000	47.345	5.3	64	0.00
40	TM	Benzene	50.000	46.301	7.4	64	0.00
41	T	Methacrylonitrile	50.000	48.818	2.4	67	-0.01
42	TM	1,2-Dichloroethane	50.000	45.526	8.9	63	0.00
43	T	Isopropyl Acetate	50.000	44.481	11.0	59	0.00
44	TM	Trichloroethene	50.000	46.246	7.5	64	0.00
45	C	1,2-Dichloropropane	50.000	46.954	6.1#	65	0.00
46	T	Dibromomethane	50.000	45.581	8.8	62	0.00
47	T	Bromodichloromethane	50.000	47.438	5.1	65	0.00
48	T	Methyl methacrylate	50.000	43.726	12.5	56	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	853.932	14.6	57	0.00
50	S	Toluene-d8	50.000	57.161	-14.3	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	223.788	10.5	58	0.00
52	CM	Toluene	50.000	47.263	5.5#	64	0.00
53	T	t-1,3-Dichloropropene	50.000	46.377	7.2	61	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.282	7.4	63	0.00
55	T	1,1,2-Trichloroethane	50.000	46.325	7.3	65	0.00
56	T	Ethyl methacrylate	50.000	48.330	3.3	61	0.00
57	T	1,3-Dichloropropane	50.000	46.887	6.2	64	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	234.783	6.1	69	0.00
59	T	2-Hexanone	250.000	216.085	13.6	55	0.00
60	T	Dibromochloromethane	50.000	48.486	3.0	65	0.00
61	T	1,2-Dibromoethane	50.000	47.136	5.7	62	0.00
62	S	4-Bromofluorobenzene	50.000	59.856	-19.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	48.544	2.9	69	0.00
65	PM	Chlorobenzene	50.000	46.844	6.3	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.752	6.5	66	0.00
67	C	Ethyl Benzene	50.000	46.294	7.4#	64	0.00
68	T	m/p-Xylenes	100.000	93.946	6.1	64	0.00
69	T	o-Xylene	50.000	46.738	6.5	64	0.00
70	T	Styrene	50.000	48.430	3.1	65	0.00
71	P	Bromoform	50.000	49.730	0.5	69	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	42.981	14.0	64	0.00
74	T	N-amyl acetate	50.000	44.678	10.6	61	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.870	12.3	64	0.00
76	T	1,2,3-Trichloropropane	50.000	43.370	13.3	60	0.00
77	T	Bromobenzene	50.000	44.381	11.2	68	0.00
78	T	n-propylbenzene	50.000	44.028	11.9	65	0.00
79	T	2-Chlorotoluene	50.000	43.104	13.8	64	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.135	11.7	65	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.044	15.9	56	0.00
82	T	4-Chlorotoluene	50.000	43.360	13.3	64	0.00
83	T	tert-Butylbenzene	50.000	43.042	13.9	65	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.695	10.6	65	0.00
85	T	sec-Butylbenzene	50.000	45.186	9.6	66	0.00
86	T	p-Isopropyltoluene	50.000	45.348	9.3	67	0.00
87	T	1,3-Dichlorobenzene	50.000	44.647	10.7	67	0.00
88	T	1,4-Dichlorobenzene	50.000	44.654	10.7	68	0.00
89	T	n-Butylbenzene	50.000	45.614	8.8	67	0.00
90	T	Hexachloroethane	50.000	47.684	4.6	69	0.00
91	T	1,2-Dichlorobenzene	50.000	46.854	6.3	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.340	13.3	62	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.895	2.2	73	0.00
94	T	Hexachlorobutadiene	50.000	49.577	0.8	76	0.00
95	T	Naphthalene	50.000	48.789	2.4	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.445	-0.9	75	0.00

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