Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017302.D
Acq On : 07 Feb 2024 20:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 08 01:47:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 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	65	0.00
2	T	Dichlorodifluoromethane	50.000	42.180	15.6	65	0.00
3	P	Chloromethane	50.000	73.960	-47.9#	108	-0.01
4	C	Vinyl Chloride	50.000	74.290	-48.6#	109	0.00
5	T	Bromomethane	50.000	76.258	-52.5#	114	0.00
6	T	Chloroethane	50.000	73.955	-47.9#	106	0.00
7	T	Trichlorofluoromethane	50.000	59.074	-18.1	86	-0.01
8	T	Diethyl Ether	50.000	39.850	20.3	54	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.068	-0.1	71	0.00
10	T	Methyl Iodide	50.000	37.051	25.9#	50	0.00
11	T	Tert butyl alcohol	250.000	122.584	51.0#	39	0.04
12	CM	1,1-Dichloroethene	50.000	48.932	2.1#	69	0.00
13	T	Acrolein	250.000	128.136	48.7#	37	0.00
14	T	Allyl chloride	50.000	49.230	1.5	68	0.00
15	T	Acrylonitrile	250.000	167.774	32.9#	47	0.00
16	T	Acetone	250.000	120.788	51.7#	37	0.02
17	T	Carbon Disulfide	50.000	46.980	6.0	66	0.00
18	T	Methyl Acetate	50.000	42.097	15.8	53	0.00
19	T	Methyl tert-butyl Ether	50.000	41.450	17.1	57	0.00
20	T	Methylene Chloride	50.000	46.004	8.0	63	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.295	-0.6	70	0.00
22	T	Diisopropyl ether	50.000	48.861	2.3	66	0.00
23	T	Vinyl Acetate	250.000	194.402	22.2	53	0.00
24	P	1,1-Dichloroethane	50.000	50.501	-1.0	71	0.00
25	T	2-Butanone	250.000	145.682	41.7#	43	0.00
26	T	2,2-Dichloropropane	50.000	47.200	5.6	66	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.098	5.8	65	0.00
28	T	Bromochloromethane	50.000	39.585	20.8	49	0.00
29	T	Tetrahydrofuran	250.000	173.499	30.6#	48	0.00
30	C	Chloroform	50.000	49.598	0.8#	69	0.00
31	T	Cyclohexane	50.000	50.308	-0.6	73	0.00
32	T	1,1,1-Trichloroethane	50.000	53.059	-6.1	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	39.432	21.1	50	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	39.852	20.3	51	0.00
36	T	1,1-Dichloropropene	50.000	51.639	-3.3	72	0.00
37	T	Ethyl Acetate	50.000	32.978	34.0#	48	0.00
38	T	Carbon Tetrachloride	50.000	52.295	-4.6	74	0.00
39	T	Methylcyclohexane	50.000	52.004	-4.0	72	0.00
40	TM	Benzene	50.000	49.940	0.1	71	0.00
41	T	Methacrylonitrile	50.000	33.066	33.9#	48	0.00
42	TM	1,2-Dichloroethane	50.000	43.721	12.6	62	0.00
43	T	Isopropyl Acetate	50.000	38.913	22.2	55	0.00
44	TM	Trichloroethene	50.000	48.357	3.3	68	0.00
45	C	1,2-Dichloropropane	50.000	48.092	3.8#	68	0.00
46	T	Dibromomethane	50.000	41.453	17.1	58	0.00
47	T	Bromodichloromethane	50.000	45.638	8.7	65	0.00
48	T	Methyl methacrylate	50.000	39.996	20.0	56	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	656.362	34.4#	45	0.02
50	S	Toluene-d8	50.000	43.579	12.8	54	0.00
51	T	4-Methyl-2-Pentanone	250.000	190.943	23.6	53	0.00
52	CM	Toluene	50.000	51.087	-2.2#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	41.702	16.6	58	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.225	11.5	61	0.00
55	T	1,1,2-Trichloroethane	50.000	40.693	18.6	57	0.00
56	T	Ethyl methacrylate	50.000	37.748	24.5	54	0.00
57	T	1,3-Dichloropropane	50.000	41.106	17.8	57	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	191.638	23.3	50	0.00
59	T	2-Hexanone	250.000	174.061	30.4#	49	0.00
60	T	Dibromochloromethane	50.000	40.959	18.1	58	0.00
61	T	1,2-Dibromoethane	50.000	38.862	22.3	56	0.00
62	S	4-Bromofluorobenzene	50.000	39.603	20.8	51	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	63	-0.01
64	T	Tetrachloroethene	50.000	55.532	-11.1	76	0.00
65	PM	Chlorobenzene	50.000	49.350	1.3	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.933	4.1	64	0.00
67	C	Ethyl Benzene	50.000	54.489	-9.0#	71	0.00
68	T	m/p-Xylenes	100.000	108.241	-8.2	71	0.00
69	T	o-Xylene	50.000	52.685	-5.4	68	0.00
70	T	Styrene	50.000	52.689	-5.4	67	0.00
71	P	Bromoform	50.000	39.917	20.2	54	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
73	T	Isopropylbenzene	50.000	55.069	-10.1	73	0.00
74	T	N-amyl acetate	50.000	44.558	10.9	59	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	39.518	21.0	54	0.00
76	T	1,2,3-Trichloropropane	50.000	45.315	9.4	64	0.00
77	T	Bromobenzene	50.000	46.304	7.4	63	0.00
78	T	n-propylbenzene	50.000	55.856	-11.7	73	0.00
79	T	2-Chlorotoluene	50.000	52.524	-5.0	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.648	-9.3	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	37.355	25.3#	50	0.00
82	T	4-Chlorotoluene	50.000	52.261	-4.5	70	0.00
83	T	tert-Butylbenzene	50.000	55.348	-10.7	72	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.547	-7.1	70	-0.01
85	T	sec-Butylbenzene	50.000	56.132	-12.3	74	-0.01
86	T	p-Isopropyltoluene	50.000	55.006	-10.0	72	0.00
87	T	1,3-Dichlorobenzene	50.000	48.805	2.4	66	0.00
88	T	1,4-Dichlorobenzene	50.000	48.353	3.3	67	0.00
89	T	n-Butylbenzene	50.000	55.904	-11.8	73	0.00
90	T	Hexachloroethane	50.000	51.957	-3.9	71	-0.01
91	T	1,2-Dichlorobenzene	50.000	46.914	6.2	64	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	37.632	24.7	53	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.163	9.7	61	0.00
94	T	Hexachlorobutadiene	50.000	47.839	4.3	68	0.00
95	T	Naphthalene	50.000	39.867	20.3	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.816	10.4	63	0.00

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