Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
Data File : VY018712.D
Acq On : 27 Jun 2024 09:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 28 03:10:55 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	46.452	7.1	70	0.00
3	P	Chloromethane	50.000	43.811	12.4	60	0.00
4	C	Vinyl Chloride	50.000	45.714	8.6#	65	0.00
5	T	Bromomethane	50.000	43.216	13.6	65	0.00
6	T	Chloroethane	50.000	46.000	8.0	66	0.00
7	T	Trichlorofluoromethane	50.000	54.500	-9.0	78	0.00
8	T	Diethyl Ether	50.000	52.164	-4.3	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.563	-15.1	84	0.00
10	T	Methyl Iodide	50.000	53.774	-7.5	75	0.00
11	T	Tert butyl alcohol	250.000	108.232	56.7#	49	0.00
12	CM	1,1-Dichloroethene	50.000	53.059	-6.1#	76	0.00
13	T	Acrolein	250.000	179.545	28.2#	47	0.00
14	T	Allyl chloride	50.000	49.164	1.7	69	0.00
15	T	Acrylonitrile	250.000	251.724	-0.7	70	0.00
16	T	Acetone	250.000	288.545	-15.4	78	0.00
17	T	Carbon Disulfide	50.000	47.547	4.9	69	0.00
18	T	Methyl Acetate	50.000	53.869	-7.7	69	0.00
19	T	Methyl tert-butyl Ether	50.000	51.614	-3.2	73	0.00
20	T	Methylene Chloride	50.000	50.854	-1.7	75	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.704	-3.4	74	0.00
22	T	Diisopropyl ether	50.000	50.323	-0.6	70	0.00
23	T	Vinyl Acetate	250.000	222.119	11.2	69	0.00
24	P	1,1-Dichloroethane	50.000	50.873	-1.7	74	0.00
25	T	2-Butanone	250.000	268.479	-7.4	72	0.00
26	T	2,2-Dichloropropane	50.000	51.988	-4.0	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.608	-5.2	76	0.00
28	T	Bromochloromethane	50.000	45.659	8.7	93	0.00
29	T	Tetrahydrofuran	250.000	251.493	-0.6	68	0.00
30	C	Chloroform	50.000	51.920	-3.8#	75	0.00
31	T	Cyclohexane	50.000	48.409	3.2	72	0.00
32	T	1,1,1-Trichloroethane	50.000	53.826	-7.7	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.749	2.5	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	55.979	-12.0	88	0.00
36	T	1,1-Dichloropropene	50.000	54.130	-8.3	74	0.00
37	T	Ethyl Acetate	50.000	52.498	-5.0	68	0.00
38	T	Carbon Tetrachloride	50.000	58.972	-17.9	81	0.00
39	T	Methylcyclohexane	50.000	56.744	-13.5	74	0.00
40	TM	Benzene	50.000	54.521	-9.0	73	0.00
41	T	Methacrylonitrile	50.000	51.115	-2.2	68	0.00
42	TM	1,2-Dichloroethane	50.000	53.222	-6.4	71	0.00
43	T	Isopropyl Acetate	50.000	53.331	-6.7	68	0.00
44	TM	Trichloroethene	50.000	56.567	-13.1	76	0.00
45	C	1,2-Dichloropropane	50.000	54.076	-8.2#	73	0.00
46	T	Dibromomethane	50.000	55.844	-11.7	74	0.00
47	T	Bromodichloromethane	50.000	57.237	-14.5	76	0.00
48	T	Methyl methacrylate	50.000	53.297	-6.6	66	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	1009.206	-0.9	65	0.00
50	S	Toluene-d8	50.000	53.691	-7.4	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.942	-7.6	67	0.00
52	CM	Toluene	50.000	55.441	-10.9#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	58.521	-17.0	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.650	-15.3	75	0.00
55	T	1,1,2-Trichloroethane	50.000	57.117	-14.2	77	0.00
56	T	Ethyl methacrylate	50.000	55.536	-11.1	67	0.00
57	T	1,3-Dichloropropane	50.000	55.268	-10.5	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.492	-11.4	79	0.00
59	T	2-Hexanone	250.000	281.748	-12.7	70	0.00
60	T	Dibromochloromethane	50.000	62.120	-24.2	81	0.00
61	T	1,2-Dibromoethane	50.000	58.730	-17.5	75	0.00
62	S	4-Bromofluorobenzene	50.000	53.004	-6.0	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	60.880	-21.8	82	0.00
65	PM	Chlorobenzene	50.000	56.858	-13.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.336	-18.7	79	0.00
67	C	Ethyl Benzene	50.000	55.749	-11.5#	73	0.00
68	T	m/p-Xylenes	100.000	113.710	-13.7	73	0.00
69	T	o-Xylene	50.000	56.397	-12.8	73	0.00
70	T	Styrene	50.000	56.590	-13.2	71	0.00
71	P	Bromoform	50.000	67.080	-34.2#	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	52.469	-4.9	72	0.00
74	T	N-amyl acetate	50.000	49.671	0.7	62	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.130	-4.3	70	0.00
76	T	1,2,3-Trichloropropane	50.000	46.902	6.2	59	0.00
77	T	Bromobenzene	50.000	57.944	-15.9	81	0.00
78	T	n-propylbenzene	50.000	50.845	-1.7	69	0.00
79	T	2-Chlorotoluene	50.000	50.717	-1.4	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.297	-4.6	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.749	-21.5	74	0.00
82	T	4-Chlorotoluene	50.000	49.493	1.0	67	0.00
83	T	tert-Butylbenzene	50.000	53.606	-7.2	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.111	-4.2	70	0.00
85	T	sec-Butylbenzene	50.000	52.085	-4.2	70	0.00
86	T	p-Isopropyltoluene	50.000	54.614	-9.2	74	0.00
87	T	1,3-Dichlorobenzene	50.000	56.059	-12.1	78	0.00
88	T	1,4-Dichlorobenzene	50.000	54.975	-10.0	76	0.00
89	T	n-Butylbenzene	50.000	51.777	-3.6	69	0.00
90	T	Hexachloroethane	50.000	58.977	-18.0	78	0.00
91	T	1,2-Dichlorobenzene	50.000	57.516	-15.0	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.168	-4.3	69	0.00
93	T	1,2,4-Trichlorobenzene	50.000	65.825	-31.7#	90	0.00
94	T	Hexachlorobutadiene	50.000	67.816	-35.6#	95	0.00
95	T	Naphthalene	50.000	65.154	-30.3#	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	66.084	-32.2#	90	0.00

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