Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018710.D
Acq On : 26 Jun 2024 16:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 27 07:51:44 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	37.180	25.6#	54	0.00
3	P	Chloromethane	50.000	40.703	18.6	54	0.00
4	C	Vinyl Chloride	50.000	40.076	19.8#	54	0.00
5	T	Bromomethane	50.000	39.711	20.6	57	0.00
6	T	Chloroethane	50.000	39.683	20.6	55	0.00
7	T	Trichlorofluoromethane	50.000	45.392	9.2	62	0.00
8	T	Diethyl Ether	50.000	45.329	9.3	60	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.174	5.7	66	-0.01
10	T	Methyl Iodide	50.000	42.430	15.1	57	0.00
11	T	Tert butyl alcohol	250.000	89.045	64.4#	39	0.00
12	CM	1,1-Dichloroethene	50.000	44.159	11.7#	61	0.00
13	T	Acrolein	250.000	221.931	11.2	55	0.00
14	T	Allyl chloride	50.000	41.874	16.3	57	0.00
15	T	Acrylonitrile	250.000	218.013	12.8	58	0.00
16	T	Acetone	250.000	166.738	33.3#	43	0.00
17	T	Carbon Disulfide	50.000	38.849	22.3	54	0.00
18	T	Methyl Acetate	50.000	47.752	4.5	58	0.00
19	T	Methyl tert-butyl Ether	50.000	43.512	13.0	59	0.00
20	T	Methylene Chloride	50.000	46.869	6.3	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.612	10.8	61	0.00
22	T	Diisopropyl ether	50.000	43.654	12.7	58	0.00
23	T	Vinyl Acetate	250.000	186.668	25.3#	55	0.00
24	P	1,1-Dichloroethane	50.000	43.803	12.4	61	0.00
25	T	2-Butanone	250.000	190.256	23.9	49	0.00
26	T	2,2-Dichloropropane	50.000	35.427	29.1#	50	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.193	7.6	64	0.00
28	T	Bromochloromethane	50.000	44.759	10.5	87	0.00
29	T	Tetrahydrofuran	250.000	214.796	14.1	56	0.00
30	C	Chloroform	50.000	44.609	10.8#	62	0.00
31	T	Cyclohexane	50.000	39.886	20.2	57	0.00
32	T	1,1,1-Trichloroethane	50.000	44.530	10.9	62	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.205	-6.4	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	58.201	-16.4	90	0.00
36	T	1,1-Dichloropropene	50.000	44.185	11.6	59	0.00
37	T	Ethyl Acetate	50.000	43.007	14.0	55	0.00
38	T	Carbon Tetrachloride	50.000	46.980	6.0	63	0.00
39	T	Methylcyclohexane	50.000	45.794	8.4	59	0.00
40	TM	Benzene	50.000	45.495	9.0	60	0.00
41	T	Methacrylonitrile	50.000	46.134	7.7	60	0.00
42	TM	1,2-Dichloroethane	50.000	45.068	9.9	59	0.00
43	T	Isopropyl Acetate	50.000	45.255	9.5	57	0.00
44	TM	Trichloroethene	50.000	47.809	4.4	63	0.00
45	C	1,2-Dichloropropane	50.000	45.408	9.2#	60	0.00
46	T	Dibromomethane	50.000	46.127	7.7	60	0.00
47	T	Bromodichloromethane	50.000	46.826	6.3	61	0.00
48	T	Methyl methacrylate	50.000	44.264	11.5	54	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	929.073	7.1	59	0.00
50	S	Toluene-d8	50.000	56.163	-12.3	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.322	11.1	55	0.00
52	CM	Toluene	50.000	46.639	6.7#	60	0.00
53	T	t-1,3-Dichloropropene	50.000	46.880	6.2	58	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.056	7.9	59	0.00
55	T	1,1,2-Trichloroethane	50.000	48.041	3.9	63	0.00
56	T	Ethyl methacrylate	50.000	47.656	4.7	57	0.00
57	T	1,3-Dichloropropane	50.000	47.633	4.7	61	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.702	-5.1	74	0.00
59	T	2-Hexanone	250.000	215.689	13.7	52	0.00
60	T	Dibromochloromethane	50.000	50.737	-1.5	65	0.00
61	T	1,2-Dibromoethane	50.000	48.634	2.7	61	0.00
62	S	4-Bromofluorobenzene	50.000	58.300	-16.6	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	50.394	-0.8	68	0.00
65	PM	Chlorobenzene	50.000	46.978	6.0	63	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.244	3.5	65	0.00
67	C	Ethyl Benzene	50.000	45.155	9.7#	60	0.00
68	T	m/p-Xylenes	100.000	93.032	7.0	60	0.00
69	T	o-Xylene	50.000	46.572	6.9	61	0.00
70	T	Styrene	50.000	48.199	3.6	61	0.00
71	P	Bromoform	50.000	51.625	-3.3	68	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	43.633	12.7	60	0.00
74	T	N-amyl acetate	50.000	41.791	16.4	53	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.898	12.2	59	0.00
76	T	1,2,3-Trichloropropane	50.000	46.379	7.2	59	0.00
77	T	Bromobenzene	50.000	46.575	6.8	66	0.00
78	T	n-propylbenzene	50.000	43.414	13.2	59	0.00
79	T	2-Chlorotoluene	50.000	42.628	14.7	58	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.851	12.3	59	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.257	13.5	53	0.00
82	T	4-Chlorotoluene	50.000	42.001	16.0	57	0.00
83	T	tert-Butylbenzene	50.000	45.048	9.9	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.701	14.6	57	0.00
85	T	sec-Butylbenzene	50.000	43.395	13.2	59	0.00
86	T	p-Isopropyltoluene	50.000	43.784	12.4	60	0.00
87	T	1,3-Dichlorobenzene	50.000	45.287	9.4	63	0.00
88	T	1,4-Dichlorobenzene	50.000	45.676	8.6	64	0.00
89	T	n-Butylbenzene	50.000	41.992	16.0	57	0.00
90	T	Hexachloroethane	50.000	45.900	8.2	61	0.00
91	T	1,2-Dichlorobenzene	50.000	46.790	6.4	64	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.977	14.0	57	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.958	0.1	69	0.00
94	T	Hexachlorobutadiene	50.000	51.182	-2.4	72	0.00
95	T	Naphthalene	50.000	51.087	-2.2	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.147	-2.3	70	0.00

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