Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009546.D
Acq On : 12 Jul 2022 20:29
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 13 01:17:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
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	53.068	-6.1	85	0.00
3	P	Chloromethane	50.000	55.337	-10.7	84	0.00
4	C	Vinyl Chloride	50.000	58.905	-17.8#	87	0.00
5	T	Bromomethane	50.000	51.897	-3.8	84	0.00
6	T	Chloroethane	50.000	57.575	-15.2	93	0.00
7	T	Trichlorofluoromethane	50.000	58.277	-16.6	91	0.00
8	T	Diethyl Ether	50.000	52.207	-4.4	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.599	-3.2	82	0.00
10	T	Methyl Iodide	50.000	51.502	-3.0	84	0.00
11	T	Tert butyl alcohol	250.000	185.100	26.0#	65	0.00
12	CM	1,1-Dichloroethene	50.000	53.112	-6.2#	81	0.00
13	T	Acrolein	250.000	183.406	26.6#	56	0.00
14	T	Allyl chloride	50.000	52.850	-5.7	75	0.00
15	T	Acrylonitrile	250.000	257.600	-3.0	78	0.00
16	T	Acetone	250.000	215.448	13.8	52	0.00
17	T	Carbon Disulfide	50.000	47.250	5.5	74	0.00
18	T	Methyl Acetate	50.000	46.789	6.4	80	0.00
19	T	Methyl tert-butyl Ether	50.000	53.994	-8.0	84	0.00
20	T	Methylene Chloride	50.000	47.390	5.2	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.912	-7.8	80	0.00
22	T	Diisopropyl ether	50.000	58.819	-17.6	84	0.00
23	T	Vinyl Acetate	250.000	269.682	-7.9	79	0.00
24	P	1,1-Dichloroethane	50.000	53.368	-6.7	82	0.00
25	T	2-Butanone	250.000	242.255	3.1	67	0.00
26	T	2,2-Dichloropropane	50.000	45.054	9.9	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.051	-6.1	83	0.00
28	T	Bromochloromethane	50.000	53.099	-6.2	80	0.00
29	T	Tetrahydrofuran	250.000	260.903	-4.4	78	0.00
30	C	Chloroform	50.000	51.922	-3.8#	84	0.00
31	T	Cyclohexane	50.000	51.126	-2.3	76	0.00
32	T	1,1,1-Trichloroethane	50.000	53.170	-6.3	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.245	-4.5	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	48.567	2.9	88	0.00
36	T	1,1-Dichloropropene	50.000	55.564	-11.1	81	0.00
37	T	Ethyl Acetate	50.000	53.106	-6.2	79	0.00
38	T	Carbon Tetrachloride	50.000	55.946	-11.9	84	0.00
39	T	Methylcyclohexane	50.000	57.203	-14.4	78	0.00
40	TM	Benzene	50.000	54.595	-9.2	80	0.00
41	T	Methacrylonitrile	50.000	56.806	-13.6	81	0.00
42	TM	1,2-Dichloroethane	50.000	54.917	-9.8	84	0.00
43	T	Isopropyl Acetate	50.000	55.364	-10.7	82	0.00
44	TM	Trichloroethene	50.000	54.351	-8.7	81	0.00
45	C	1,2-Dichloropropane	50.000	54.912	-9.8#	81	0.00
46	T	Dibromomethane	50.000	55.385	-10.8	83	0.00
47	T	Bromodichloromethane	50.000	55.337	-10.7	85	0.00
48	T	Methyl methacrylate	50.000	57.927	-15.9	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1069.923	-7.0	80	0.00
50	S	Toluene-d8	50.000	53.328	-6.7	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	286.037	-14.4	83	0.00
52	CM	Toluene	50.000	57.899	-15.8#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	56.297	-12.6	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.590	-9.2	80	0.00
55	T	1,1,2-Trichloroethane	50.000	55.478	-11.0	82	0.00
56	T	Ethyl methacrylate	50.000	59.368	-18.7	82	0.00
57	T	1,3-Dichloropropane	50.000	56.647	-13.3	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.188	-12.5	79	0.00
59	T	2-Hexanone	250.000	286.773	-14.7	78	0.00
60	T	Dibromochloromethane	50.000	57.200	-14.4	84	0.00
61	T	1,2-Dibromoethane	50.000	56.791	-13.6	84	0.00
62	S	4-Bromofluorobenzene	50.000	56.635	-13.3	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	48.742	2.5	75	0.00
65	PM	Chlorobenzene	50.000	55.008	-10.0	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.003	-10.0	87	0.00
67	C	Ethyl Benzene	50.000	55.910	-11.8#	86	0.00
68	T	m/p-Xylenes	100.000	115.780	-15.8	88	0.00
69	T	o-Xylene	50.000	57.870	-15.7	87	0.00
70	T	Styrene	50.000	59.871	-19.7	91	0.00
71	P	Bromoform	50.000	57.927	-15.9	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	54.809	-9.6	89	0.00
74	T	N-amyl acetate	50.000	56.283	-12.6	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.081	-10.2	91	0.00
76	T	1,2,3-Trichloropropane	50.000	50.912	-1.8	78	0.00
77	T	Bromobenzene	50.000	53.430	-6.9	89	0.00
78	T	n-propylbenzene	50.000	55.124	-10.2	89	0.00
79	T	2-Chlorotoluene	50.000	55.881	-11.8	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.968	-9.9	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.990	-2.0	82	0.00
82	T	4-Chlorotoluene	50.000	55.233	-10.5	91	0.00
83	T	tert-Butylbenzene	50.000	56.315	-12.6	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.520	-11.0	91	0.00
85	T	sec-Butylbenzene	50.000	56.165	-12.3	92	0.00
86	T	p-Isopropyltoluene	50.000	55.780	-11.6	92	0.00
87	T	1,3-Dichlorobenzene	50.000	54.228	-8.5	92	0.00
88	T	1,4-Dichlorobenzene	50.000	54.016	-8.0	92	0.00
89	T	n-Butylbenzene	50.000	55.717	-11.4	92	0.00
90	T	Hexachloroethane	50.000	55.049	-10.1	92	0.00
91	T	1,2-Dichlorobenzene	50.000	54.556	-9.1	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.564	-3.1	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.375	-2.8	87	0.00
94	T	Hexachlorobutadiene	50.000	51.665	-3.3	89	0.00
95	T	Naphthalene	50.000	52.930	-5.9	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.736	-3.5	88	0.00

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