Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
Data File : VY008661.D
Acq On : 09 May 2022 15:01
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY050922

Quant Time: May 10 03:22:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	44.938	10.1	116	0.00
3	P	Chloromethane	50.000	45.706	8.6	109	0.00
4	C	Vinyl Chloride	50.000	49.275	1.5#	99	0.00
5	T	Bromomethane	50.000	45.714	8.6	102	0.00
6	T	Chloroethane	50.000	45.624	8.8	104	0.00
7	T	Trichlorofluoromethane	50.000	57.979	-16.0	137	0.00
8	T	Diethyl Ether	50.000	44.578	10.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.334	11.3	102	0.00
10	T	Methyl Iodide	50.000	46.071	7.9	104	0.00
11	T	Tert butyl alcohol	250.000	211.622	15.4	94	0.04
12	CM	1,1-Dichloroethene	50.000	45.323	9.4#	102	0.00
13	T	Acrolein	250.000	243.044	2.8	112	0.00
14	T	Allyl chloride	50.000	44.365	11.3	104	0.00
15	T	Acrylonitrile	250.000	220.174	11.9	102	0.00
16	T	Acetone	250.000	230.277	7.9	105	0.01
17	T	Carbon Disulfide	50.000	46.045	7.9	103	0.00
18	T	Methyl Acetate	50.000	43.937	12.1	103	0.01
19	T	Methyl tert-butyl Ether	50.000	44.506	11.0	103	0.00
20	T	Methylene Chloride	50.000	46.194	7.6	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.715	10.6	102	0.00
22	T	Diisopropyl ether	50.000	45.685	8.6	102	0.00
23	T	Vinyl Acetate	250.000	240.818	3.7	104	0.00
24	P	1,1-Dichloroethane	50.000	44.873	10.3	102	0.00
25	T	2-Butanone	250.000	218.188	12.7	101	0.00
26	T	2,2-Dichloropropane	50.000	44.968	10.1	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.609	8.8	103	0.00
28	T	Bromochloromethane	50.000	45.624	8.8	102	0.00
29	T	Tetrahydrofuran	250.000	213.971	14.4	103	0.00
30	C	Chloroform	50.000	45.490	9.0#	103	0.00
31	T	Cyclohexane	50.000	43.233	13.5	101	0.00
32	T	1,1,1-Trichloroethane	50.000	45.507	9.0	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.822	4.4	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.122	3.8	106	0.00
36	T	1,1-Dichloropropene	50.000	45.234	9.5	102	0.00
37	T	Ethyl Acetate	50.000	44.900	10.2	107	0.00
38	T	Carbon Tetrachloride	50.000	46.620	6.8	105	0.00
39	T	Methylcyclohexane	50.000	45.782	8.4	103	0.00
40	TM	Benzene	50.000	45.353	9.3	101	0.00
41	T	Methacrylonitrile	50.000	41.985	16.0	97	-0.01
42	TM	1,2-Dichloroethane	50.000	46.482	7.0	104	0.00
43	T	Isopropyl Acetate	50.000	45.827	8.3	105	0.00
44	TM	Trichloroethene	50.000	45.728	8.5	101	0.00
45	C	1,2-Dichloropropane	50.000	45.190	9.6#	100	0.00
46	T	Dibromomethane	50.000	46.652	6.7	105	0.00
47	T	Bromodichloromethane	50.000	46.919	6.2	104	0.00
48	T	Methyl methacrylate	50.000	45.316	9.4	105	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	905.052	9.5	103	0.01
50	S	Toluene-d8	50.000	48.120	3.8	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	229.082	8.4	106	0.00
52	CM	Toluene	50.000	46.338	7.3#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	46.985	6.0	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.989	6.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	46.563	6.9	105	0.00
56	T	Ethyl methacrylate	50.000	47.861	4.3	105	0.00
57	T	1,3-Dichloropropane	50.000	46.725	6.5	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.735	3.3	105	0.00
59	T	2-Hexanone	250.000	233.892	6.4	107	0.00
60	T	Dibromochloromethane	50.000	47.361	5.3	105	0.00
61	T	1,2-Dibromoethane	50.000	47.297	5.4	106	0.00
62	S	4-Bromofluorobenzene	50.000	48.185	3.6	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	44.858	10.3	102	0.00
65	PM	Chlorobenzene	50.000	47.068	5.9	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.139	5.7	105	0.00
67	C	Ethyl Benzene	50.000	46.617	6.8#	103	0.00
68	T	m/p-Xylenes	100.000	93.814	6.2	104	0.00
69	T	o-Xylene	50.000	46.913	6.2	103	0.00
70	T	Styrene	50.000	47.759	4.5	103	0.00
71	P	Bromoform	50.000	47.139	5.7	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	47.472	5.1	104	0.00
74	T	N-amyl acetate	50.000	48.767	2.5	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.016	6.0	106	0.00
76	T	1,2,3-Trichloropropane	50.000	42.695	14.6	109	0.00
77	T	Bromobenzene	50.000	47.195	5.6	105	0.00
78	T	n-propylbenzene	50.000	47.156	5.7	103	0.00
79	T	2-Chlorotoluene	50.000	47.207	5.6	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.279	5.4	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.098	3.8	106	0.00
82	T	4-Chlorotoluene	50.000	46.821	6.4	103	0.00
83	T	tert-Butylbenzene	50.000	48.680	2.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.731	4.5	104	0.00
85	T	sec-Butylbenzene	50.000	47.945	4.1	104	0.00
86	T	p-Isopropyltoluene	50.000	48.314	3.4	104	0.00
87	T	1,3-Dichlorobenzene	50.000	46.866	6.3	103	0.00
88	T	1,4-Dichlorobenzene	50.000	46.874	6.3	104	0.00
89	T	n-Butylbenzene	50.000	48.155	3.7	104	0.00
90	T	Hexachloroethane	50.000	47.052	5.9	103	0.00
91	T	1,2-Dichlorobenzene	50.000	47.293	5.4	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.963	8.1	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.775	2.5	107	0.00
94	T	Hexachlorobutadiene	50.000	47.933	4.1	105	0.00
95	T	Naphthalene	50.000	50.019	-0.0	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.385	1.2	110	0.00

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