Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
Data File : VD074231.D
Acq On : 24 Aug 2022 19:02
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 05:03:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	44.486	11.0	75	0.00
3	P	Chloromethane	50.000	45.677	8.6	73	0.00
4	C	Vinyl Chloride	50.000	46.132	7.7#	70	0.00
5	T	Bromomethane	50.000	40.776	18.4	64	0.00
6	T	Chloroethane	50.000	49.602	0.8	75	0.00
7	T	Trichlorofluoromethane	50.000	48.746	2.5	77	0.00
8	T	Diethyl Ether	50.000	51.038	-2.1	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.993	-2.0	81	0.00
10	T	Methyl Iodide	50.000	45.890	8.2	70	0.00
11	T	Tert butyl alcohol	250.000	285.213	-14.1	102	-0.01
12	CM	1,1-Dichloroethene	50.000	48.747	2.5#	75	0.00
13	T	Acrolein	250.000	221.274	11.5	80	0.01
14	T	Allyl chloride	50.000	48.560	2.9	74	0.00
15	T	Acrylonitrile	250.000	287.316	-14.9	91	0.00
16	T	Acetone	250.000	260.519	-4.2	79	0.00
17	T	Carbon Disulfide	50.000	41.096	17.8	63	0.00
18	T	Methyl Acetate	50.000	54.077	-8.2	88	0.00
19	T	Methyl tert-butyl Ether	50.000	53.060	-6.1	85	0.00
20	T	Methylene Chloride	50.000	55.111	-10.2	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.242	1.5	74	0.00
22	T	Diisopropyl ether	50.000	54.684	-9.4	85	0.00
23	T	Vinyl Acetate	250.000	252.178	-0.9	83	0.00
24	P	1,1-Dichloroethane	50.000	51.129	-2.3	82	0.00
25	T	2-Butanone	250.000	267.211	-6.9	87	0.00
26	T	2,2-Dichloropropane	50.000	49.870	0.3	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.399	-2.8	80	0.00
28	T	Bromochloromethane	50.000	55.650	-11.3	92	0.00
29	T	Tetrahydrofuran	250.000	288.243	-15.3	92	0.00
30	C	Chloroform	50.000	53.651	-7.3#	85	0.00
31	T	Cyclohexane	50.000	46.654	6.7	71	0.00
32	T	1,1,1-Trichloroethane	50.000	51.355	-2.7	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.653	2.7	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	51.869	-3.7	84	0.00
36	T	1,1-Dichloropropene	50.000	54.702	-9.4	80	0.00
37	T	Ethyl Acetate	50.000	61.963	-23.9	95	0.00
38	T	Carbon Tetrachloride	50.000	54.103	-8.2	81	0.00
39	T	Methylcyclohexane	50.000	47.453	5.1	73	0.00
40	TM	Benzene	50.000	53.527	-7.1	81	0.00
41	T	Methacrylonitrile	50.000	58.922	-17.8	91	0.00
42	TM	1,2-Dichloroethane	50.000	55.360	-10.7	86	0.00
43	T	Isopropyl Acetate	50.000	56.879	-13.8	90	0.00
44	TM	Trichloroethene	50.000	52.055	-4.1	80	0.00
45	C	1,2-Dichloropropane	50.000	56.459	-12.9#	87	0.00
46	T	Dibromomethane	50.000	56.867	-13.7	87	0.00
47	T	Bromodichloromethane	50.000	56.161	-12.3	87	0.00
48	T	Methyl methacrylate	50.000	55.004	-10.0	80	0.00

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Quant Title : SW846 8260
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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	1212.202	-21.2	93	0.00
50	S	Toluene-d8	50.000	48.944	2.1	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	309.720	-23.9	94	0.00
52	CM	Toluene	50.000	54.251	-8.5#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	53.656	-7.3	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.489	-11.0	83	0.00
55	T	1,1,2-Trichloroethane	50.000	56.837	-13.7	90	0.00
56	T	Ethyl methacrylate	50.000	59.658	-19.3	86	0.00
57	T	1,3-Dichloropropane	50.000	56.617	-13.2	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	218.580	12.6	77	0.00
59	T	2-Hexanone	250.000	306.045	-22.4	89	0.00
60	T	Dibromochloromethane	50.000	56.706	-13.4	87	0.00
61	T	1,2-Dibromoethane	50.000	55.639	-11.3	85	0.00
62	S	4-Bromofluorobenzene	50.000	51.607	-3.2	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	49.307	1.4	79	0.00
65	PM	Chlorobenzene	50.000	51.330	-2.7	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.821	-3.6	86	0.00
67	C	Ethyl Benzene	50.000	52.990	-6.0#	82	0.00
68	T	m/p-Xylenes	100.000	105.901	-5.9	81	0.00
69	T	o-Xylene	50.000	53.153	-6.3	81	0.00
70	T	Styrene	50.000	54.406	-8.8	83	0.00
71	P	Bromoform	50.000	54.034	-8.1	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	51.372	-2.7	82	0.00
74	T	N-amyl acetate	50.000	52.346	-4.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.052	-10.1	94	0.00
76	T	1,2,3-Trichloropropane	50.000	55.189	-10.4	102	0.00
77	T	Bromobenzene	50.000	50.499	-1.0	86	0.00
78	T	n-propylbenzene	50.000	52.748	-5.5	85	0.00
79	T	2-Chlorotoluene	50.000	51.102	-2.2	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.033	-4.1	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.676	-3.4	86	0.00
82	T	4-Chlorotoluene	50.000	51.216	-2.4	84	0.00
83	T	tert-Butylbenzene	50.000	52.312	-4.6	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.565	-5.1	84	0.00
85	T	sec-Butylbenzene	50.000	52.651	-5.3	85	0.00
86	T	p-Isopropyltoluene	50.000	53.149	-6.3	83	0.00
87	T	1,3-Dichlorobenzene	50.000	51.131	-2.3	86	0.00
88	T	1,4-Dichlorobenzene	50.000	50.183	-0.4	86	0.00
89	T	n-Butylbenzene	50.000	52.596	-5.2	84	0.00
90	T	Hexachloroethane	50.000	49.875	0.3	86	0.00
91	T	1,2-Dichlorobenzene	50.000	50.748	-1.5	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.951	-5.9	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.591	0.8	84	0.00
94	T	Hexachlorobutadiene	50.000	49.443	1.1	84	0.00
95	T	Naphthalene	50.000	48.353	3.3	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.471	-0.9	87	0.00

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