Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
Data File : VD072730.D
Acq On : 28 Apr 2022 17:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 29 01:24:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	49.880	0.2	114	0.00
3	P	Chloromethane	50.000	51.716	-3.4	117	0.00
4	C	Vinyl Chloride	50.000	51.196	-2.4#	117	0.00
5	T	Bromomethane	50.000	52.469	-4.9	117	0.00
6	T	Chloroethane	50.000	53.207	-6.4	119	0.00
7	T	Trichlorofluoromethane	50.000	52.922	-5.8	120	0.00
8	T	Diethyl Ether	50.000	52.361	-4.7	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.472	-6.9	121	0.00
10	T	Methyl Iodide	50.000	53.883	-7.8	128	0.00
11	T	Tert butyl alcohol	250.000	362.861	-45.1#	128	-0.01
12	CM	1,1-Dichloroethene	50.000	52.227	-4.5#	116	0.00
13	T	Acrolein	250.000	218.318	12.7	95	0.00
14	T	Allyl chloride	50.000	56.884	-13.8	125	0.00
15	T	Acrylonitrile	250.000	247.991	0.8	104	0.00
16	T	Acetone	250.000	228.620	8.6	94	0.00
17	T	Carbon Disulfide	50.000	52.639	-5.3	115	0.00
18	T	Methyl Acetate	50.000	47.894	4.2	104	0.00
19	T	Methyl tert-butyl Ether	50.000	53.335	-6.7	110	0.00
20	T	Methylene Chloride	50.000	44.160	11.7	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.736	-7.5	119	0.00
22	T	Diisopropyl ether	50.000	56.719	-13.4	118	0.00
23	T	Vinyl Acetate	250.000	271.398	-8.6	111	0.00
24	P	1,1-Dichloroethane	50.000	54.713	-9.4	119	0.00
25	T	2-Butanone	250.000	241.889	3.2	101	0.00
26	T	2,2-Dichloropropane	50.000	54.770	-9.5	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.770	-9.5	118	0.00
28	T	Bromochloromethane	50.000	55.846	-11.7	108	0.00
29	T	Tetrahydrofuran	250.000	252.712	-1.1	101	0.00
30	C	Chloroform	50.000	55.659	-11.3#	121	0.00
31	T	Cyclohexane	50.000	54.607	-9.2	124	0.00
32	T	1,1,1-Trichloroethane	50.000	56.513	-13.0	125	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.847	-13.7	123	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	55.994	-12.0	126	0.00
36	T	1,1-Dichloropropene	50.000	51.706	-3.4	119	0.00
37	T	Ethyl Acetate	50.000	48.021	4.0	102	0.00
38	T	Carbon Tetrachloride	50.000	51.863	-3.7	123	0.00
39	T	Methylcyclohexane	50.000	58.616	-17.2	135	0.00
40	TM	Benzene	50.000	52.504	-5.0	121	0.00
41	T	Methacrylonitrile	50.000	49.747	0.5	107	0.00
42	TM	1,2-Dichloroethane	50.000	51.076	-2.2	118	0.00
43	T	Isopropyl Acetate	50.000	50.721	-1.4	109	0.00
44	TM	Trichloroethene	50.000	51.658	-3.3	121	0.00
45	C	1,2-Dichloropropane	50.000	52.594	-5.2#	118	0.00
46	T	Dibromomethane	50.000	49.396	1.2	110	0.00
47	T	Bromodichloromethane	50.000	51.657	-3.3	117	0.00
48	T	Methyl methacrylate	50.000	52.955	-5.9	112	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	964.365	3.6	106	0.00
50	S	Toluene-d8	50.000	59.742	-19.5	138	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.239	1.5	105	0.00
52	CM	Toluene	50.000	53.887	-7.8#	121	0.00
53	T	t-1,3-Dichloropropene	50.000	52.652	-5.3	117	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.477	-5.0	116	0.00
55	T	1,1,2-Trichloroethane	50.000	51.157	-2.3	117	0.00
56	T	Ethyl methacrylate	50.000	54.969	-9.9	114	0.00
57	T	1,3-Dichloropropane	50.000	51.105	-2.2	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.533	3.4	102	0.00
59	T	2-Hexanone	250.000	255.367	-2.1	105	0.00
60	T	Dibromochloromethane	50.000	50.283	-0.6	114	0.00
61	T	1,2-Dibromoethane	50.000	50.228	-0.5	110	0.00
62	S	4-Bromofluorobenzene	50.000	57.104	-14.2	130	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	51.937	-3.9	121	0.00
65	PM	Chlorobenzene	50.000	52.562	-5.1	121	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.214	-4.4	120	0.00
67	C	Ethyl Benzene	50.000	55.138	-10.3#	124	0.00
68	T	m/p-Xylenes	100.000	108.599	-8.6	120	0.00
69	T	o-Xylene	50.000	55.287	-10.6	122	0.00
70	T	Styrene	50.000	55.346	-10.7	120	0.00
71	P	Bromoform	50.000	47.851	4.3	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	58.458	-16.9	125	0.00
74	T	N-amyl acetate	50.000	56.178	-12.4	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.290	-10.6	116	0.00
76	T	1,2,3-Trichloropropane	50.000	50.278	-0.6	104	0.00
77	T	Bromobenzene	50.000	53.452	-6.9	114	0.00
78	T	n-propylbenzene	50.000	57.948	-15.9	123	0.00
79	T	2-Chlorotoluene	50.000	57.002	-14.0	123	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.838	-17.7	125	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.243	-2.5	108	0.00
82	T	4-Chlorotoluene	50.000	56.444	-12.9	122	0.00
83	T	tert-Butylbenzene	50.000	58.745	-17.5	126	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.912	-15.8	123	0.00
85	T	sec-Butylbenzene	50.000	57.659	-15.3	125	0.00
86	T	p-Isopropyltoluene	50.000	58.087	-16.2	124	0.00
87	T	1,3-Dichlorobenzene	50.000	54.726	-9.5	119	0.00
88	T	1,4-Dichlorobenzene	50.000	52.724	-5.4	115	0.00
89	T	n-Butylbenzene	50.000	58.428	-16.9	126	0.00
90	T	Hexachloroethane	50.000	54.806	-9.6	121	0.00
91	T	1,2-Dichlorobenzene	50.000	53.443	-6.9	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.541	-1.1	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.670	-11.3	118	0.00
94	T	Hexachlorobutadiene	50.000	53.819	-7.6	120	0.00
95	T	Naphthalene	50.000	56.652	-13.3	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.191	-10.4	117	0.00

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