Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
Data File : VD076280.D
Acq On : 30 May 2023 18:00
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 31 02:21:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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	53	0.00
2	T	Dichlorodifluoromethane	50.000	43.136	13.7	52	0.00
3	P	Chloromethane	50.000	61.893	-23.8	64	0.00
4	C	Vinyl Chloride	50.000	55.841	-11.7#	66	0.00
5	T	Bromomethane	50.000	50.240	-0.5	57	-0.01
6	T	Chloroethane	50.000	60.506	-21.0	70	0.00
7	T	Trichlorofluoromethane	50.000	48.425	3.2	59	0.00
8	T	Diethyl Ether	50.000	63.714	-27.4#	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.183	-0.4	62	0.00
10	T	Methyl Iodide	50.000	62.184	-24.4	62	0.00
11	T	Tert butyl alcohol	250.000	392.715	-57.1#	85	0.01
12	CM	1,1-Dichloroethene	50.000	49.784	0.4#	57	-0.01
13	T	Acrolein	250.000	240.350	3.9	50	0.00
14	T	Allyl chloride	50.000	55.171	-10.3	59	-0.01
15	T	Acrylonitrile	250.000	375.885	-50.4#	79	0.00
16	T	Acetone	250.000	343.489	-37.4#	71	0.00
17	T	Carbon Disulfide	50.000	45.589	8.8	49	-0.01
18	T	Methyl Acetate	50.000	73.823	-47.6#	78	0.00
19	T	Methyl tert-butyl Ether	50.000	72.310	-44.6#	74	0.00
20	T	Methylene Chloride	50.000	72.482	-45.0#	70	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.761	-7.5	58	-0.01
22	T	Diisopropyl ether	50.000	68.740	-37.5#	69	0.00
23	T	Vinyl Acetate	250.000	365.592	-46.2#	73	0.00
24	P	1,1-Dichloroethane	50.000	58.888	-17.8	65	0.00
25	T	2-Butanone	250.000	378.242	-51.3#	78	0.00
26	T	2,2-Dichloropropane	50.000	55.816	-11.6	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	61.199	-22.4	64	0.00
28	T	Bromochloromethane	50.000	63.113	-26.2#	70	0.00
29	T	Tetrahydrofuran	250.000	394.636	-57.9#	79	0.00
30	C	Chloroform	50.000	62.099	-24.2#	69	0.00
31	T	Cyclohexane	50.000	45.158	9.7	54	0.00
32	T	1,1,1-Trichloroethane	50.000	54.114	-8.2	62	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.793	-23.6	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35	S	Dibromofluoromethane	50.000	54.628	-9.3	69	0.00
36	T	1,1-Dichloropropene	50.000	47.163	5.7	60	0.00
37	T	Ethyl Acetate	50.000	68.905	-37.8#	79	0.00
38	T	Carbon Tetrachloride	50.000	46.784	6.4	61	0.00
39	T	Methylcyclohexane	50.000	41.377	17.2	55	0.00
40	TM	Benzene	50.000	50.760	-1.5	63	0.00
41	T	Methacrylonitrile	50.000	65.212	-30.4#	70	0.00
42	TM	1,2-Dichloroethane	50.000	59.373	-18.7	74	0.00
43	T	Isopropyl Acetate	50.000	64.153	-28.3#	79	0.00
44	TM	Trichloroethene	50.000	46.325	7.3	59	0.00
45	C	1,2-Dichloropropane	50.000	55.906	-11.8#	69	0.00
46	T	Dibromomethane	50.000	59.773	-19.5	75	0.00
47	T	Bromodichloromethane	50.000	57.281	-14.6	71	0.00
48	T	Methyl methacrylate	50.000	66.065	-32.1#	78	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	1461.820	-46.2#	88	0.00
50	S	Toluene-d8	50.000	48.307	3.4	60	0.00
51	T	4-Methyl-2-Pentanone	250.000	341.868	-36.7#	80	0.00
52	CM	Toluene	50.000	52.616	-5.2#	64	0.00
53	T	t-1,3-Dichloropropene	50.000	60.251	-20.5	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.304	-18.6	71	0.00
55	T	1,1,2-Trichloroethane	50.000	63.155	-26.3#	78	0.00
56	T	Ethyl methacrylate	50.000	66.519	-33.0#	75	0.00
57	T	1,3-Dichloropropane	50.000	62.010	-24.0	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	309.795	-23.9	72	0.00
59	T	2-Hexanone	250.000	347.216	-38.9#	79	0.00
60	T	Dibromochloromethane	50.000	63.385	-26.8#	77	0.00
61	T	1,2-Dibromoethane	50.000	63.143	-26.3#	77	0.00
62	S	4-Bromofluorobenzene	50.000	55.289	-10.6	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64	T	Tetrachloroethene	50.000	41.486	17.0	59	0.00
65	PM	Chlorobenzene	50.000	49.408	1.2	68	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.669	-3.3	72	0.00
67	C	Ethyl Benzene	50.000	47.778	4.4#	65	0.00
68	T	m/p-Xylenes	100.000	99.498	0.5	67	0.00
69	T	o-Xylene	50.000	50.803	-1.6	67	0.00
70	T	Styrene	50.000	54.275	-8.5	71	0.00
71	P	Bromoform	50.000	57.411	-14.8	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	44.503	11.0	66	0.00
74	T	N-amyl acetate	50.000	54.579	-9.2	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.909	-9.8	85	0.00
76	T	1,2,3-Trichloropropane	50.000	58.859	-17.7	101	0.00
77	T	Bromobenzene	50.000	50.420	-0.8	75	0.00
78	T	n-propylbenzene	50.000	44.275	11.5	66	0.00
79	T	2-Chlorotoluene	50.000	45.446	9.1	68	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.068	7.9	67	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.588	-9.2	81	0.00
82	T	4-Chlorotoluene	50.000	46.374	7.3	69	0.00
83	T	tert-Butylbenzene	50.000	44.360	11.3	67	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.155	3.7	70	0.00
85	T	sec-Butylbenzene	50.000	43.670	12.7	67	0.00
86	T	p-Isopropyltoluene	50.000	45.940	8.1	68	0.00
87	T	1,3-Dichlorobenzene	50.000	48.609	2.8	74	0.00
88	T	1,4-Dichlorobenzene	50.000	48.884	2.2	75	0.00
89	T	n-Butylbenzene	50.000	43.783	12.4	67	0.00
90	T	Hexachloroethane	50.000	42.958	14.1	70	0.00
91	T	1,2-Dichlorobenzene	50.000	50.632	-1.3	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.579	-9.2	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.117	3.8	70	0.00
94	T	Hexachlorobutadiene	50.000	40.552	18.9	63	0.00
95	T	Naphthalene	50.000	56.045	-12.1	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.801	2.4	70	0.00

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